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EmployerIdentification No.)One Vision Drive Natick,Â MassachusettsÂ 01760-2059(508) 650-3000 (Address, including zip code, and telephone number,including area code, of principal executive offices)Securities registered pursuant to SectionÂ 12(b) of the Act:Title of Each ClassTrading Symbol(s)Name of Exchange on Which RegisteredCommon Stock, par value $.002 per shareCGNXThe NASDAQ Stock Market LLCSecurities registered pursuant to SectionÂ 12(g) of the Act: NoneIndicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act.Â YesÂ â˜Â Â Â NoÂ Â â˜Â Â Indicate by check mark if the registrant is not required to file reports pursuant to SectionÂ 13 or SectionÂ 15(d) of the Act.Â YesÂ â˜Â Â Â NoÂ Â â˜Â Â Indicate by check mark whether the registrant (1)Â has filed all reports required to be filed by SectionÂ 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2)Â has been subject to such filing requirements for the past 90 days.Â YesÂ â˜Â Â Â NoÂ Â â˜Â Â Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit such files).Â YesÂ â˜Â Â Â NoÂ Â â˜Â Â Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or emerging growth company. See the definitions of â€œlarge accelerated filer,â€ â€œaccelerated filer,â€ â€œsmaller reporting companyâ€ and "emerging growth company" in Rule 12b-2 of the Exchange Act. (Check one):â˜Large accelerated filerâ˜Accelerated filerâ˜Non-accelerated filerâ˜SmallerÂ reportingÂ companyâ˜Emerging growth companyIf an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. oIndicate by check mark whether the registrant has filed a report on and attestation to its managementâ€™s assessment of the effectiveness of its internal control over financial reporting under Section 404(b) of the Sarbanes-Oxley Act (15 U.S.C. 7262(b)) by the registered public accounting firm that prepared or issued its audit report. Â YesÂ â˜Â Â Â NoÂ Â â˜Â Â If securities are registered pursuant to Section 12(b) of the Act, indicate by check mark whether the financial statements of the registrant included in the filing reflect the correction of an error to previously issued financial statements. oIndicate by check mark whether any of those error corrections are restatements that required a recovery analysis of incentive-based compensation received by any of the registrantâ€™s executive officers during the relevant recovery period pursuant to Â§240.10D-1(b). oIndicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act).Â YesÂ â˜Â Â Â NoÂ Â â˜Â Â Aggregate market value of voting stock held by non-affiliates of the registrant as of JuneÂ 28, 2024: $8,001,170,186 Common stock, par value $.002 per share, outstanding as of JanuaryÂ 26, 2025: 169,865,714 sharesDOCUMENTS INCORPORATED BY REFERENCE:The registrant intends to file a Definitive Proxy Statement pursuant to Regulation 14A within 120Â days of the end of the fiscal year ended DecemberÂ 31, 2024. Portions of such Proxy Statement are incorporated by reference in PartÂ III of this report.Table of ContentCOGNEX CORPORATIONANNUAL REPORT ON FORM 10-KFOR THE YEAR ENDED DECEMBER 31, 2024 INDEXÂ PART I1ITEM 1.BUSINESS1ITEM 1A.RISK FACTORS6ITEMÂ 1B.UNRESOLVED STAFF COMMENTS14ITEM 1C.CYBERSECURITY14ITEM 2.PROPERTIES15ITEM 3.LEGAL PROCEEDINGS16ITEM 4.MINE SAFETY DISCLOSURES16PART II17ITEM 5.MARKET FOR REGISTRANTâ€™S COMMON EQUITY, RELATED STOCKHOLDER MATTERS, AND ISSUER PURCHASES OF EQUITY SECURITIES17ITEM 6.[RESERVED]19ITEM 7.MANAGEMENTâ€™S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS19ITEMÂ 7A.QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK25ITEM 8.FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA27ITEM 9.CHANGES IN AND DISAGREEMENTS WITH ACCOUNTANTS ON ACCOUNTING AND FINANCIAL DISCLOSURE65ITEM 9A.CONTROLS AND PROCEDURES65ITEM 9B.OTHER INFORMATION67ITEM 9C.DISCLOSURE REGARDING FOREIGN JURISDICTIONS THAT PREVENT INSPECTIONS67PARTÂ III67ITEMÂ 10.DIRECTORS, EXECUTIVE OFFICERS, AND CORPORATE GOVERNANCE67ITEMÂ 11.EXECUTIVE COMPENSATION67ITEMÂ 12.SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT AND RELATED STOCKHOLDER MATTERS67ITEMÂ 13.CERTAIN RELATIONSHIPS AND RELATED TRANSACTIONS, AND DIRECTOR INDEPENDENCE68ITEMÂ 14.PRINCIPAL ACCOUNTING FEES AND SERVICES68PARTÂ IV68ITEMÂ 15.EXHIBITS AND FINANCIAL STATEMENT SCHEDULES68ITEM 16.FORM 10-K SUMMARY69Table of ContentPART IThis Annual Report on Form 10-K contains forward-looking statements within the meaning of the federal securities laws. Readers can identify these forward-looking statements by our use of the words â€œexpects,â€ â€œanticipates,â€ â€œestimates,â€ â€œbelieves,â€ â€œprojects,â€ â€œintends,â€ â€œplans,â€ â€œwill,â€ â€œmay,â€ â€œshall,â€ â€œcould,â€ â€œshould,â€ and similar words and other statements of a similar sense. Our future results may differ materially from current results and from those projected in the forward-looking statements as a result of known and unknown risks and uncertainties. Readers should pay particular attention to considerations described in the section captioned â€œRisk Factors,â€ appearing in PartÂ IÂ - ItemÂ 1A of this Annual Report on Form 10-K. We caution readers not to place undue reliance upon any such forward-looking statements, which speak only as of the date made. We disclaim any obligation to subsequently revise forward-looking statements to reflect the occurrence of anticipated or unanticipated events or circumstances after the date such statements are made.Unless the context otherwise requires, the words â€œCognexÂ®,â€ the â€œCompany,â€ â€œwe,â€ â€œour,â€ â€œus,â€ and â€œour companyâ€ refer to Cognex Corporation and its consolidated subsidiaries.ITEM 1: BUSINESSOur CompanyFounded in 1981, Cognex Corporation (â€œthe Companyâ€ or â€œCognexâ€) invents and commercializes technologies that address some of the most critical manufacturing and distribution challenges. We are a leading global provider of machine vision products and solutions that improve efficiency and quality in a wide range of businesses across attractive industrial end markets. Our solutions blend physical products and software to capture and analyze visual information, allowing for the automation of manufacturing and distribution tasks for customers worldwide. Machine vision products are used to automate the manufacturing or distribution and tracking of discrete items, such as mobile phones, automotive components, and e-commerce packages, by locating, identifying, inspecting, and measuring them. Machine vision is particularly valuable for applications in which human vision is inadequate to meet requirements for size, accuracy, or speed, or in instances where substantial cost savings are obtained through the reduction of labor or improved product quality.Cognex sells to customers in nearly all industries in which discrete items are manufactured on an assembly line or moved through a distribution center or warehouse. Our largest industries by revenue are the logistics, automotive, and consumer electronics industries, which combined represented approximately 60% of our total revenue in 2024.Our Industry and Market Opportunity Machine vision is used in a variety of industries where technology is widely recognized as an important component of automated production, distribution, and quality assurance. Virtually every manufacturer or logistics provider can achieve better quality and efficiency by using machine vision. This results in a broad base of customers across a variety of industries, including logistics, automotive, consumer electronics, semiconductor, consumer products, medical-related, and food and beverage.Our End MarketsLogisticsThe logistics industry demands high-speed, efficient throughput combined with end-to-end supply chain traceability. Consumers expect fast and cost-effective fulfillment. Retail distributors, e-commerce platforms, and parcel processing customers face an ongoing tight labor market, increased demand, and increased costs. To address these challenges, organizations are increasingly deploying automated traceability, dimensioning, and detection solutions featuring Cognex machine vision, including barcode reading and AI-enabled vision technology, either directly or with the help of partners, such as an original equipment manufacturer ("OEM"), machine builder, or system integrator. We believe our e-commerce logistics business is differentiated by the high performance of our barcode reading and that potential growth will be driven by retailers investing in online fulfillment. From an automation perspective, the logistics industry is still in its early stages with a large reliance on human labor and a low rate of robotic automation. Today, most applications in logistics are centered around barcode reading. Beyond barcode reading, we expect vision applications in logistics to grow quickly and become a more substantial part of our business. Vision applications include tasks such as inspecting packages for damage, object and symbol recognition, and dimensioning. Geographically, our logistics business started primarily in the United States, but has diversified into Europe and Asia, where we believe customers are beginning to catch up with the United States in logistics automation technology and are reducing share with local incumbent suppliers. Leading e-commerce players invested significantly in late 2020 through early 2022, then took a post-pandemic â€œtime outâ€ to absorb 1Table of Contentexcess capacity from early 2022 into 2023, and began investing at a steadier pace in 2024. We believe that logistics has the potential to be our highest-growth end market over the mid to long-term.AutomotiveThe automotive market has been one of our largest markets for the past twenty years. Machine vision is used in almost every step of vehicle manufacturing, from measuring inbound parts, to guiding robot assembly, to inspecting the stitching on leather seats. We currently expect the proliferation of electronics in automobiles to be a significant growth driver in both electric vehicles and internal combustion engine vehicles. For example, innovations in safety, driver assist, and entertainment features increase the number of items to be placed, tracked, measured, and inspected by machine vision.We also anticipate a multi-year wave of investment in hybrid and electric vehicle (â€œEVâ€) manufacturing equipment, particularly related to battery manufacturing and inspection. Cognex works closely with the major EV battery manufacturers who we believe produce the majority of the worldâ€™s automotive batteries. We believe that these manufacturers are positioned to grow within Asia, and to expand both independently and through partnerships in the Americas and Europe. We expect our existing relationships and proven offerings to position us to capture a significant share of this growth. We are also well positioned to continue to support traditional powertrain investments on internal combustion engine vehicles, supporting long-term growth in the automotive market.Consumer ElectronicsToday, electronic components and devices are difficult to manufacture without machine vision. Machine vision has made it possible to achieve the density of todayâ€™s integrated circuits and to manufacture them cost-effectively. Electronics producers and leading OEMs rely on Cognex machine vision, including AI-enabled vision technology, 3D vision, and barcode reading, to build, inspect, and track semiconductors, printed circuit boards, electronic hardware, and consumer devices. We anticipate major investments in new generations of consumer electronics. A significant amount of visual inspection in consumer electronics is still performed manually by humans. As labor becomes more costly and scarce, these customers are looking for productivity initiatives to automate their processes. We also expect leading companies in this space to continue to grow based on new technologies and the devices that incorporate them. We believe new devices will be difficult to manufacture on a large scale, and therefore will require more innovative vision products in that process. Cognex has close relationships with the largest and most sophisticated companies in the consumer electronics market, and we expect to be a partner of choice as they bring new products to market.SemiconductorMachine vision has made it possible to achieve the density in todayâ€™s integrated circuits and to manufacture them cost-effectively. Semiconductor manufacturers rely on Cognex machine vision, including AI-based technology, to ensure precise alignment of wafers during masking and etching processes, increase traceability of wafers and die as they move through the front and back-end processes, and improve product quality through advanced inspection procedures.As AI continues to drive demand for high-end logic process chips with our OEM customers, the overall semiconductor market has the potential for outsized growth in the coming years. OtherThe number of end markets that can benefit from machine vision applications is expanding. Other end market uses of Cognex machine vision include regulated manufacturers reducing counterfeiting, food producers improving food safety, and manufacturers using 3D measurement for robotic guidance. Our Business StrategiesHistorically, Cognex has been a leader in providing the most powerful machine vision technology to the most sophisticated customers and solving their most challenging automation problems. There are thousands of such customers and we believe our market share with these customers is high. There is also a much larger segment of customers with less complex applications and less automation engineering capacity who are looking for more standardized products that are easy to implement and easy to use. Our goal is to expand our business with these customers by offering tailored products and increasing our sales coverage. 2Table of ContentGrowth through innovationWe invest heavily in research and development to maintain our position as a technology leader in machine vision. We continue to introduce products embedded with artificial intelligence ("AI") technology that augments rule-based machine vision with image-based analysis. We invest in technology that makes vision easier to use and more affordable, and therefore, available to a broader base of customers, such as our edge learning products that enable customers with less technical capabilities to use machine vision while minimizing installation and applications support. We also continue to invest in technology that addresses the most challenging vision applications, such as our deep learning vision software that solves complex applications with unpredictable defects and deviations.Increase of sales coverageWe reach a broad base of customers through our worldwide direct sales force that sells primarily to large customers, as well as through our network of distributors and integrators that sell primarily to smaller customers who may be more geographically remote or may require integration assistance or supplemental technical support. In 2023, we began investing more aggressively to expand our direct sales force to reach customers new to factory automation or new to Cognex, who have yet to fully benefit from all that machine vision can offer. We are doing so by adding a new sales engineer profile to our team, ambitious recent college graduates, and are investing in their onboarding and training. These entry-level sales personnel are enabling us to broaden and deepen our sales coverage, make many more, shorter sales calls, and reach more customers. We expect this sales investment to expand our reach, increase penetration, and further diversify our customer base.Expansion of market positionWe continue to invest in our core markets, such as logistics, automotive, and consumer electronics, where we are a leading provider of vision and ID products for warehouse and factory automation. Within these markets, we are making significant investments to focus on what we believe to be the fastest-growing applications and use cases. In the logistics market for example, we are moving beyond barcode reading into more complex applications in distribution centers and parcel and post warehouses.Inorganic growthWe plan to drive inorganic growth through deeper penetration of our served machine vision market and expansion in adjacent markets. We are focusing specifically on markets in which we expect our products and solutions, application expertise, and customer and industry relationships to enable us to provide significant value to end users.We seek out selective opportunities in new applications and markets through the acquisition of businesses and technologies that are synergistic with our core markets. We are selective in choosing businesses and technologies that we believe will enhance long-term growth and profitability. In the fourth quarter of 2023, we acquired Moritex Corporation, a global provider of premium optical components based in Japan. With an enterprise value of approximately $270 million, this was Cognex's largest acquisition to-date. We plan to continue to seek high-return, EPS-accretive acquisition opportunities to expand our product lines, customer base, distribution network, and technical talent.CultureOur strong and unique corporate culture reinforces our values of customer first and innovation, and enables us to attract and retain smart, enthusiastic, and creative talent who are motivated to solve the most challenging vision tasks for customers.Products and Technology Cognex offers a full range of machine vision systems and sensors, vision software, and barcode readers designed to meet customer needs at different performance and price points. Our products range from deep learning solutions that solve complex applications with unpredictable defects and deviations, to lower-cost vision sensors that conduct simple presence/absence inspections. Our products have a variety of physical forms, depending on the user's needs. For example, customers can purchase vision software to use with their own camera and processor, or they can purchase a standalone system that combines imager, processor, and software into a single package.Vision Systems and Sensors Vision systems combine smart cameras and software to perform a wide range of tasks, including part location, identification, measurement, assembly verification, and robotic guidance. Vision sensors can deliver an easy-to-use, low-cost, reliable solution for simple pass/fail inspections, such as checking the presence and size of parts. In-SightÂ® vision systems and sensors include our 2D and 3D vision systems, as well as our In-Sight SnAPPâ„¢ sensor. These products leverage various forms of AI, including rule-based coding, as well as deep learning and edge learning technology leveraging pre-trained models powered by neural networks. Our product portfolio meets the 3Table of Contentvarying price and performance requirements of our broad base of industrial customers. Our deep learning-based systems automate and solve complex inline inspections that typically require human judgment for defect detection, optical character recognition ("OCR"), assembly verification, or classification. Similar to our deep learning-based systems, our edge learning-based systems use pre-trained models, but on simpler applications that prioritize ease of use and have a broader appeal with easier and faster implementation and training.Vision SoftwareVision software offers customers the flexibility of the Cognex vision tools library to use with the cameras, frame grabbers, and peripheral equipment of their choice. Cognex VisionProÂ® software offers an extensive suite of patented vision tools, including both traditional rule-based tools and deep learning-enabled tools, for advanced programming. Its QuickBuildâ„¢ prototyping

environment allows customers to build complete vision applications with the simplicity of a graphical flowchart-based programming interface.Barcode ReadersCognex industrial image-based barcode readers quickly and reliably read 1D, 2D, label-based, and direct part mark ("DPM") codes found in nearly every industry including logistics, automotive, consumer products, and medical-related. The DataManÂ® product line, which includes fixed-mount and handheld models, as well as barcode verifiers, help organizations optimize performance, increase throughput, and control traceability.Vision AccessoriesCognex vision accessories are designed for easy integration with Cognex products and applications. Cameras are available in both area scan and line scan formats to address a wide variety of applications. Lenses and lighting are also available in both embedded and component formats to provide high-quality image acquisition, including a range of premium optical components that were added to the Company's vision accessory portfolio with the acquisition of Moritex Corporation in the fourth quarter of 2023. From value solutions to high-performance hardware, Cognex offers industrial cameras, lenses, lighting, vision controllers, frame grabbers, and I/O cards to meet customer requirements. Research, Development, and EngineeringCognex engages in research, development, and engineering (RD&E) to enhance our existing products and to develop new products and functionality to address market opportunities. We believe that a continued commitment to RD&E activities is essential to maintain or achieve product leadership with our existing products and to provide innovative new product offerings, as well as to provide engineering support for large customers. In addition, we consider our ability to accelerate time to market for new products to be critical to our revenue growth. We incurred RD&E costs of approximately $140 million (15% of revenue), $139 million (17% of revenue), and $141 million (14% of revenue), for the years ended December 31, 2024, 2023, and 2022, respectively. We expect to continue our commitment to RD&E, even during periods of lower revenue levels, to introduce new platforms, products, and solutions throughout economic cycles.Intellectual Property We rely on the technical expertise, creativity, and knowledge of our personnel, and therefore, we utilize patent, trademark, copyright, and trade secret protection to maintain our competitive position and protect our proprietary rights in our products and technology. While our intellectual property rights are important to our success, we believe that our business as a whole is not materially dependent on any particular patent, trademark, copyright, or other intellectual property right.Operations Most of Cognexâ€™s hardware products, including our vision systems, vision sensors, and barcode readers, are manufactured utilizing third-party contractors, whereby the majority of component procurement, system assembly, and initial testing are performed by electronics manufacturing services suppliers. Cognexâ€™s primary contract manufacturers are located in Indonesia and Malaysia. We purchase assembled goods from our contract manufacturers, who use specified components sourced from vendor lists approved by Cognex and assembly/test processes created and controlled by Cognex. After the completion of initial testing, assembled products from our contract manufacturers are routed to our distribution centers where trained Cognex personnel load Cognex software onto the products, provide additional assembly and image alignment as needed, and perform quality control procedures. Cognex manufactures optical components, including our lenses and lighting, at our in-house production plants located in China and Vietnam that are then stocked in our distribution centers. Cognex ships finished products for customers located in the Americas from our Southborough, Massachusetts distribution center, for 4Table of Contentcustomers located in Europe from our Cork, Ireland distribution center, and for customers located in Asia from our Singapore distribution center.Sales Channels and Support ServicesCognex sells its products through a worldwide direct sales force that primarily focuses on the development of strategic accounts that generate or are expected to generate significant sales volume, as well as through a global network of distribution and integration partners. Our distribution partners provide sales and local support to help Cognex reach the many prospects for our products in factories around the world, and our integration partners are experts in vision and complementary technologies that can provide turnkey solutions for complex automation projects using vision. Through each of these channels, sales engineers call directly on targeted accounts, with the assistance of application engineers, and manage the activities of our distribution and integration partners within their territories in order to provide an advantageous sales model for our products. In 2023, we began investing more aggressively to expand our direct sales force to include entry-level sales personnel to sell our easier-to-deploy and easier-to-use products.Sales to customers based outside of the United States represented approximately 67% of our total revenue in 2024, with approximately 24% from customers based in Europe, approximately 18% from customers based in Greater China, and approximately 25% from customers based in other regions outside the United States. Sales to customers based in Europe are denominated in Euros and U.S. Dollars, sales to customers based in Greater China are denominated in Renminbi for sales within Mainland China and U.S. Dollars in other territories, and sales to customers based in other regions are denominated in U.S. Dollars, Japanese Yen, Korean Won, Indian Rupee, and Mexican Pesos.Cognexâ€™s service offerings represent less than 10% of our total revenue and include maintenance and support, consulting, and training services. Maintenance and support programs include hardware support programs that entitle customers to have products repaired, as well as software support programs that provide customers with application support and software updates to the latest software releases. Application support is provided by technical support personnel located at Cognex regional offices, as well as by field service engineers that provide support at the customerâ€™s production site. We provide consulting services that range from a specific area of functionality to a completely integrated installed application. Training services include a variety of product courses that are available at our offices worldwide, at customer facilities, and online.Competition Cognex is one of the leading machine vision companies in the world. Our competitors include other vendors of machine vision systems, controllers, and components; manufacturers of image processing systems, sensors, and components; and system integrators. We also compete with internal engineering departments of current or prospective customers, as well as open-source tools available for free from various companies, including tools using AI.Human CapitalOur employees are our most valuable asset and are critical to our success. We create and maintain an environment where â€œCognoids,â€ a unique name for our employees, can engage with each other, perform their best work, develop their careers, and be creative. As of DecemberÂ 31, 2024, Cognex employed 2,914 Cognoids globally, including 1,586 in sales, marketing, and service activities; 653 in research, development, and engineering; 435 in manufacturing and quality assurance; and 240 in information technology, finance, and administration. Of our 2,914 Cognoids, 1,949 are based outside of the United States.We pride ourselves on having a unique culture that exemplifies our motto of Work Hard, Play Hard, Move Fast. Our culture guides the actions and behaviors of our Cognoids and is defined by our ten values - Customer First, Excellence, Perseverance, Enthusiasm, Creativity, Pride, Integrity, Recognition, Sharing, and Fun. We are committed to finding the very best talent to be part of our growing technology company. We believe our culture enables us to attract and retain smart, energetic, and creative talent, and is central to our ability to execute our operating plans and strategic initiatives. To preserve and enhance our corporate culture, while recognizing differences across and within regions, we have a global team of Cognoids who serve as Ministers of Culture, led by our Chief Culture Officer.We believe in investing in tools and resources that support employeesâ€™ learning and development and setting a compensation structure that reflects the Companyâ€™s commitment to a pay-for-performance philosophy. We believe these efforts align with our stockholdersâ€™ long-term interests and better position Cognex to continue to operate as a leader in the machine vision industry.5Table of ContentRegulatory ComplianceCognexâ€™s capital expenditures, earnings, and competitive position are not materially affected by compliance with federal, state, and local environmental provisions, which have been enacted or adopted to regulate the distribution of materials into the environment.Available InformationCognex maintains a website at www.cognex.com. We make available, free of charge, on our website in the â€œCompanyâ€ section under the caption â€œInvestor Informationâ€ followed by â€œFinancial Reportsâ€ and then â€œSEC Filings,â€ our Annual Report on Form 10-K, Quarterly Reports on Form 10-Q, and Current Reports on Form 8-K, including exhibits, and amendments to those reports filed or furnished pursuant to Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), as soon as reasonably practicable after such reports are electronically filed with, or furnished to, the SEC. Cognexâ€™s reports filed with, or furnished to, the SEC are also available at the SECâ€™s website at www.sec.gov. Cognex has used, and intends to continue to use, its investor relations website as a means of disclosing material non-public information and for complying with our disclosure obligations under Regulation FD. Information contained on our website is not a part of, or incorporated by reference into, this Annual Report on Form 10-K or in any other document or report that Cognex files with the SEC, and any references to Cognex's website are intended to be inactive textual references only.ITEM 1A: RISK FACTORSThe risks and uncertainties described below are not the only ones that we face. Additional risks and uncertainties that we are unaware of, or that we currently deem immaterial, also may become important factors that affect our company in the future. If any of these risks were to occur, our business, financial condition, or results of operations could be materially and adversely affected. This section includes or refers to certain forward-looking statements. We refer you to the explanation of the qualifications and limitations of such forward-looking statements, appearing under the heading "Forward-Looking Statements" in Part II - Item 7 of this Annual Report on Form 10-K.Risks Related to Execution of our Business StrategyOur failure to introduce new products in a successful and timely manner could result in the loss of our market share and a decrease in our revenues and profits.The market for our products is characterized by rapidly changing technology and increasingly capable competitors. Accordingly, we believe that our future success will depend on our ability to accelerate time-to-market for new products with improved functionality, ease-of-use, performance, and price. This includes continuing to introduce products embedded with artificial intelligence ("AI") technology that augments rule-based machine vision with image-based analysis. There can be no assurance that we will be able to introduce new products in accordance with scheduled release dates or that new products will achieve market acceptance. Our inability to keep pace with the rapid rate of technological change and customer demands in the high-technology marketplace could have a material adverse effect on our operating results. In addition, we may not achieve significant revenue from new product investments for several years, if at all. Moreover, new products, if introduced, may not generate the gross margins that we have experienced historically.Increased competition may result in decreased demand or prices for our products and services and may harm our operating results.The machine vision market continues to be fragmented and competitive. Our competitors include primarily other vendors of machine vision systems, controllers, and components; manufacturers of image processing systems, sensors, and components; and system integrators. We also compete with internal engineering departments of current or prospective customers, as well as open-source tools available for free from various companies, including tools using AI. In recent years, advancements in AI, particularly the availability of sophisticated AI algorithms and open-source machine vision platforms, have lowered the barriers to entry in our market. These tools enable new entrants and low-cost providers, particularly in China, to produce vision systems that may perform comparably to our offerings. This commoditization trend intensifies pricing pressures and challenges our ability to differentiate our products solely on performance or features. Additionally, large technology companies and other competitors with substantial financial and technological resources may continue to develop and distribute free or low-cost solutions, further eroding market prices. If we fail to effectively respond to these trends through innovation, cost management, or other strategies, our competitive position could weaken. This could result in decreased market share, reduced pricing power, and a material adverse effect on our revenue, gross margins, and operating results.Further, in recent years, we have seen some examples of industry consolidation in our markets. This trend may continue as companies attempt to strengthen or hold their market positions in an evolving industry and as 6Table of Contentcompanies are acquired or are unable to continue operations. We believe that industry consolidation may result in stronger competition and may be accompanied by pressure from customers for lower prices. This could have a material adverse effect on our revenue, gross margins, and operating results.If we fail to attract and retain key talent, effectively plan for succession, and maintain our unique corporate culture, our business and operating results could suffer.To support our growth and execute our operating plans and strategic initiatives, we must effectively attract, train, develop, motivate, and retain skilled employees, while maintaining our unique corporate culture. Technical personnel with experience in machine vision, and more recently AI and transformer-based models, are in high demand and competition for their talents is intense. We rely on attracting and retaining talent with these skills to execute our product development plans. We use time-based and performance-based equity awards, including stock options and restricted stock units ("RSUs"), including performance restricted stock units ("PRSUs"), as a key component of compensation for our more senior employees to align employee interests with the interests of our shareholders, provide competitive compensation packages, and encourage employee retention. Our stock price volatility may cause periods of time during which option exercise prices might be less than the sale price of our common stock or the value of RSUs might be less competitive, which may lessen the retentive attributes of these awards. We are limited as to the number of stock options and RSUs that we may grant under our stock plans, and we are unsure how effective different stock-based awards with different vesting schedules will be to retain key talent. Accordingly, we may find it difficult to attract and retain employees, and any such difficulty could materially adversely affect our business.Our success significantly depends on the continued contributions of our executive officers and other key management personnel. The loss of any of these individuals could materially adversely affect our business, operating results, and financial condition. Effective succession planning is crucial to ensure smooth transitions and maintain business continuity. Failure to attract and retain executive officers and other key management personnel or to implement effective succession planning could have a material adverse effect on our business, reputation, and financial performance.Our failure to properly manage the distribution of our products and services could result in the loss of revenues and profits.We utilize a direct sales force, as well as a network of distribution and integration partners, to sell our products and services. We are continually reviewing our go-to-market strategy to help ensure that we are reaching the most customers that we can and with the highest level of service. At times, this may require strategic changes to our sales organization or enlisting or dropping various partners in certain regions, which could result in additional costs or operational challenges. In 2023, we began investing more aggressively to expand our direct sales force to include entry-level sales personnel to sell our easier-to-deploy and easier-to-use products.To support the expansion of our business internationally, we may decide to make changes to our operating structure in other countries when we believe these changes will make us more competitive by reaching additional customers, offering faster delivery, importation services, and/or local currency sales. These new operating models may require changes in legal structures, business systems, and business processes that may result in significant business disruption and negatively impact our customersâ€™ experience, resulting in loss of sales. Furthermore, as we assume more responsibility for the importation of our products into other countries, we face higher compliance risk to adhere to local regulatory and trade requirements. Finally, the local stocking of finished products in countries outside of our primary distribution centers may result in higher costs and increased risk of excess or obsolete inventory associated with maintaining the appropriate level and mix of products in multiple inventory locations, resulting in lower gross margins.Our go-to-market strategy has distinct risks and costs, and therefore, our failure to implement the most advantageous balance in the sales and operating model for our products and services could have a material adverse effect on our revenue and profitability.Economic, political, and other risks associated with international sales and operations could adversely affect our business and operating results.In 2024, approximately 67% of our revenue was derived from customers located outside of the United States. In addition, we source components from suppliers located outside of the United States, including China, utilize third-party contract manufacturers, primarily located in Indonesia and Malaysia, to assemble certain of our products, and manufacture optical components at in-house production plants located in China and Vietnam. We intend to continue to expand our sales and operations outside of the United States and expand our presence in international emerging markets. As a result, our business is subject to the risks inherent in international sales and operations, including, among other things:7Table of Contentâ€¢various regulatory and statutory requirements,â€¢export and import restrictions, including trade sanctions,â€¢trade tariffs,â€¢transportation delays,â€¢product certification requirements,â€¢employment regulations and local labor conditions,â€¢corruption,â€¢difficulties protecting intellectual property,â€¢varying data protection and privacy laws,â€¢business systems connectivity issues, â€¢gains and losses associated with foreign currency exposures,â€¢difficulties injecting and repatriating cash, andâ€¢potentially adverse tax consequences.Any of these factors could have a material adverse effect on our business, operating results, or financial condition.We face several risks related to conducting business in China. In recent years, trade tariffs imposed by the United States on certain components imported from Chinese suppliers resulted in higher costs for our products, which, to date, have not been material to our total cost of revenue. In addition to trade tariffs, U.S. export controls that place restrictions on the exportation of our products or a subset of our products, including applicable regulations promulgated by the U.S. Commerce Departmentâ€™s Bureau of Industry and Security, have had a negative impact on our revenue from customers based in China. The recent expansion of U.S. sanctions on Chinese companies, including expanded restrictions with respect to Chinese semi-conductor companies, has heightened the risks and complexities for U.S. companies conducting business in China. These sanctions have led to increased scrutiny and operational challenges, which may result in costly supply chain shifts and loss of customers and business opportunities. Adjusting our business and supply chain to comply with new or amended international trade restrictions, sanctions, or tariffs can be expensive, time-consuming, and operationally challenging and may cause our customers to find alternative providers of machine vision products and services. Such restrictions are often implemented with little or no advance notice, creating uncertainty and limiting our ability to mitigate their impact effectively. Furthermore, customers in China may perceive heightened risks in doing business with U.S. companies, which may reduce demand for our products. To date, the impact of these restrictions has been immaterial to our total revenue and costs; however, if disputes and conflicts continue or further escalate, actions by governments in response could be significantly more severe and restrictive and could materially adversely affect our operating results.An escalation of the China-Taiwan conflict could lead to challenges procuring integrated circuit chips from Taiwan-based

vendors that are fundamental to the design of our products. Although we are taking steps to mitigate this risk, including purchasing chips in advance of demand, there can be no assurance that these steps will be successful in securing an adequate supply of chips at our current cost structure. Furthermore, purchasing inventory in advance of demand may expose us to increased risk of excess and obsolete inventory and resulting charges.Implementation of our acquisition strategy may not be successful, which could affect our ability to increase our revenue or profitability and may otherwise adversely affect our business.We have acquired, and may continue to acquire, new businesses and technologies. During the fourth quarter of 2023, we completed our largest acquisition to date by acquiring Moritex Corporation, a global provider of premium optical components based in Japan, for an enterprise value of approximately $270 million. The Moritex acquisition, and acquisitions in general, may involve significant risks and uncertainties, which could include, among others:â€¢the diversion of management's attention from other operational matters,â€¢the inability to realize expected synergies or other benefits resulting from the acquisition, including the failure to achieve projected sales of acquired products,â€¢difficulties or delays integrating personnel, operations, technologies, products, processes, and systems of the acquired business, particularly in locations far from the Company's headquarters,â€¢the failure to retain key talent and difficulties integrating corporate cultures,8Table of Contentâ€¢entry into markets in which we may have limited prior experience and where competitors have stronger market positions,â€¢the inability to protect and secure acquired intellectual property or confidential information,â€¢difficulties or delays completing the development of acquired in-process technology,â€¢the failure to retain key customers,â€¢the impairment of acquired intangible assets resulting from lower-than-expected cash flows from the acquired assets,â€¢acquisition-related charges, which could adversely impact operating results and cash flows in any given period and could be substantially different from period to period,â€¢difficulties with implementing internal controls and accounting systems necessary to be compliant with requirements applicable to public companies subject to SEC reporting, andâ€¢difficulties with closing a transaction due to regulatory approvals, employment matters, required consents, litigation, or other challenges, which could increase costs and prevent the acquisition from being completed within the expected timeframe, or from being completed at all.Acquisitions are inherently risky and the inability to effectively manage these risks could have a material adverse effect on our operating results.Our future capital needs are uncertain and may be influenced by various factors, including strategic initiatives, which could impact our financial condition and operating results.Our future capital needs are uncertain and may be affected by various factors, including strategic initiatives. We may need to raise additional capital in the future for a variety of reasons, such as to acquire businesses or fund growth opportunities. Raising capital may involve issuing debt, which could increase our leverage and limit our financial flexibility, or equity, which could result in dilution to our existing shareholders. There can be no assurance that such capital will be available on favorable terms, or at all. Challenges in obtaining favorable funding may delay, reduce, or eliminate certain business activities or growth initiatives, which could adversely affect our financial condition and operating results. Risks Related to Information Technology and Intellectual PropertyInformation security breaches may adversely affect our business.We rely on our information technology systems, including third-party services, to effectively run our business. We may be subject to information security failures or breaches caused by hacking, malicious software, acts of vandalism or terrorism, or other events. The risk of a cyberattack continues to increase given rapid advancements in technologies, as well as the proliferation of diplomatic and armed conflict throughout the world. Our security measures or those of our third-party service providers may not detect or prevent such breaches. Cybersecurity threats are becoming increasingly sophisticated and frequent, with attackers employing new and varied methods such as ransomware, phishing, and advanced persistent threats. These threats pose significant risks to our operations, including:â€¢disruption of operations, system outages, data corruption, and other disruptions, impacting our ability to deliver products and services to our customers, â€¢the distraction of management and diversion of information technology resources,â€¢theft of our intellectual property, including software source code, trade secrets, and other confidential business or proprietary information,â€¢financial losses through fraud, theft of assets, or the costs associated with responding to and mitigating the effects of an attack,â€¢reputation damage and loss of trust among stakeholders as a result of breaches of customer, vendor, or employee data,â€¢litigation, regulatory penalties, and increased compliance costs as a result of data breaches and cybersecurity incidents.We have experienced cybersecurity incidents in the past, however, to date, these incidents have not had a material impact on our operations or financial results. Future cybersecurity incidents could have a material adverse effect on our business, reputation, financial condition, or operating results. We continuously invest in and enhance our 9Table of Contentcybersecurity measures, including employee training, incident response planning, and collaboration with third-party experts, to mitigate these risks.Changes in laws or regulations relating to data privacy or data protection, or any actual or perceived failure by us to comply with such laws and regulations, could harm our business.We are subject to a variety of United States and international laws, rules, policies, and other obligations regarding data protection and security breaches. Privacy and data security have become significant issues in the United States, Europe, and in many other jurisdictions where we conduct or may in the future conduct our operations. The regulatory framework for the collection, use, safeguarding, sharing, and transfer of information worldwide is rapidly evolving and is likely to remain uncertain for the foreseeable future. New regulations may require us to further modify certain of our information practices and could subject us to additional compliance costs. These laws continue to develop and may be inconsistent from jurisdiction to jurisdiction. The adoption of AI technologies is subject to increasing regulatory scrutiny, with emerging laws such as the European Union's AI Act and U.S. initiatives potentially imposing requirements for transparency, bias mitigation, and ethical deployment. Compliance with these evolving standards may increase costs, delay product launches, or require significant changes to our technologies. AI-related concerns, including data privacy, intellectual property, and cybersecurity, add further complexity, while inconsistent global regulations heighten operational challenges. Complying with emerging and changing requirements may be costly and require us to change certain business practices. Noncompliance could result in significant fines, penalties, claims, or legal liability. Any inability to adequately address privacy and data security concerns or comply with applicable privacy or data security laws, regulations, and policies could result in additional cost, damage our reputation, inhibit sales, and adversely affect our business, financial condition, and operating results.If we fail to successfully protect our intellectual property, our competitive position and operating results could suffer.We rely on our proprietary software technology and hardware designs, as well as the technical expertise, creativity, and knowledge of our personnel, to maintain our position as a leading provider of machine vision products. Software piracy and reverse engineering may result in counterfeit products that are misrepresented in the market as Cognex products or pirated products that contain stolen technology, such as software. Although we use a variety of methods to protect our intellectual property, we rely most heavily on patent, trademark, copyright, and trade secret protection, as well as non-disclosure agreements with customers, suppliers, employees, and consultants. We also attempt to protect our intellectual property by restricting access to our proprietary information by a combination of technical and internal security measures. These measures, however, may not be adequate to:â€¢protect our proprietary technology,â€¢protect our patents from challenge, invalidation, or circumvention, orâ€¢ensure that our intellectual property will provide us with competitive advantages.Our pending and future patent applications may not issue as patents or, if issued, may not issue in a form that will provide us with any meaningful protection or any competitive advantage. Even if issued, existing or future patents may be challenged, narrowed, invalidated, or circumvented, which could limit our ability to stop competitors from developing and marketing similar products, increase costs, or limit the length of patent protection we may have for our products. Furthermore, other companies may design around technologies we have patented, licensed, or developed. Moreover, changes in patent laws or their interpretation in the United States and other countries could also diminish the value of our intellectual property or narrow the scope of our patent protection. In addition, the legal systems of certain countries do not favor the aggressive enforcement of patents and the laws of foreign countries may not protect our rights to the same extent as the laws of the United States. As a result, our patent portfolio may not provide us with sufficient rights to exclude others from commercializing products similar to ours. Any of these adverse circumstances could have a material adverse effect on our operating results.Risks Related to our Supply ChainThe failure to manufacture and deliver products in a timely manner could negatively affect customer satisfaction and our operating results.A significant portion of our products is manufactured by a third-party contractor located in Indonesia. Since 2022, we have been scaling up an additional contract manufacturer located in Malaysia, which has further mitigated risk, diversified our supply chain, and expanded our production capacity. With the acquisition of Moritex Corporation in the fourth quarter of 2023, we began in-house manufacturing of optical components, such as lenses and lighting, in production plants located in China and Vietnam. In-house manufacturing exposes us to various risks that could 10Table of Contentadversely impact our business operations and financial condition, including, but not limited to, (i) the health and safety of our employees engaged in manufacturing; (ii) the storage, use, and transportation of hazardous materials utilized in the manufacturing process; and (iii) legal risks related to environmental protection and health and safety laws in all applicable jurisdictions. Although our third-party and in-house manufacturers have the ability to shift production to plants in other regions when operations in their primary plant are disrupted, production and test equipment located at the plant that is unique to the manufacture of Cognex products creates practical challenges to doing so in a timely manner. Furthermore, the loss of a key supplier, or failure of a key supplier to access necessary credit to operate its business or otherwise remain in business, could have a material adverse impact on our operating results. Changes and additions to our supply chain require considerable time and resources and involve significant risks and uncertainties, and we can provide no assurance of return on, or success of, such investments.We also rely on our third-party and in-house manufacturers to meet delivery schedules. We have experienced, and may continue to experience, delays in the delivery of our products from our suppliers due to the impact of global supply chain challenges or other factors. For example, on June 7, 2022, our primary contract manufacturer experienced a fire at its plant in Indonesia which destroyed a significant amount of Cognex inventories. The fire resulted in delayed shipments, loss of sales, and higher-than-normal purchase costs to replenish component inventories, which adversely impacted our business, financial condition, and results of operations through the first half of 2023. Challenges in obtaining components and maintaining production have resulted in delays, and may continue to result in delays, in meeting our delivery schedules that, as a result, delay deliveries to our customers past their requested delivery date. Delays in customer orders also can result in delayed revenue recognition or loss of business which can impact our operating results in a particular reporting period.Our inability to obtain components for our products could adversely affect our operating results.Certain key electronic and mechanical components, such as integrated circuit chips, are fundamental to the design of Cognex products. Due to the impact of global supply chain challenges and other factors, we have experienced, and may continue to experience, disruptions to the supply of components for our products that have resulted, and may continue to result, in higher purchase costs, higher delivery costs, and manufacturing delays.If components purchased by our contract manufacturers have not been consumed in our production of finished goods within a certain period of time, we have been required, and may continue to be required, to purchase these components from our contract manufacturers and later sell them back when they are needed to meet our demand. While we typically expect these components to be consumed in the production of our finished goods, this arrangement may expose us to an increased risk of excess or obsolete inventory and resulting charges.We source components from preferred vendors that are selected based on price, quality and performance considerations. In the event of a supply disruption from a preferred vendor, these components typically may be purchased from alternative vendors, which may result in higher purchase costs and manufacturing delays based on the time required to identify and obtain sufficient quantities from an alternative source. Certain Cognex products utilize components that are available from only one source. If we are unable to secure adequate supply from these sources, we may have to redesign our products, which may lead to higher costs, delays in manufacturing, and loss of sales.Although we are taking certain actions to mitigate supply risk and have entered into agreements for the supply of many components, there can be no assurance that Cognex will be able to extend or renew these agreements on similar terms, such as purchase prices, or at all. Component suppliers may suffer from poor financial conditions, which can lead to business failure for the supplier, further limiting our ability to obtain sufficient quantities of components on reasonable terms, or at all. Therefore, Cognex remains subject to risks of supply shortages and price increases that can adversely affect our business, gross margins, and operating results.Our products may contain design or manufacturing defects, which could result in reduced demand, significant delays, substantial costs, or customer dissatisfaction and/or loss of sales.If flaws in either the design or manufacture of our products were to occur, we could experience a rate of failure in our products that could result in significant delays in shipment and material repair or replacement costs. Due, in part, to our focus on releasing new products as quickly as possible to satisfy customer demands, our release-to-market process may not be robust enough to detect significant design flaws or software bugs. While we engage in product quality programs and processes, including actively monitoring and evaluating the quality of our component suppliers and contract manufacturers, these actions may not be sufficient to avoid a product failure rate that results in:â€¢substantial delays in shipment,â€¢significant repair or replacement costs,11Table of Contentâ€¢product liability claims or lawsuits, particularly in connection with life sciences customers, electric vehicle battery manufacturers, or other high-risk end-user industries,â€¢customer dissatisfaction and/or loss of sales, orâ€¢potential damage to our reputation.Any of these results could have a material adverse effect on our operating results.Risks Related to Financial PerformanceThe loss of, or significant curtailment of purchases by, large customers could have an adverse effect on our business.Over the past few years, we had two customers that represented 10% or more of our total revenue. Large customers may divert managementâ€™s attention from other operational matters and pull resources from other areas of the business, resulting in potential loss of sales from other customers. In addition, large customers may receive preferred pricing and a higher level of support, which may lower our gross margin. Furthermore, in certain instances, due to long supplier lead times, we may purchase inventory in advance of receipt of a large customer purchase order, which exposes us to an increased risk of excess or obsolete inventory and resulting charges. The loss of, or curtailment of purchases by, any one or more of our large customers, has had, and could in the future have a material adverse effect on our operating results.Our financial performance varies quarterly due to seasonal and cyclical purchasing patterns and the timing of large customer orders, which can lead to challenges in accurately forecasting our financial results.Our business experiences significant seasonal variations, with certain quarters typically generating higher revenues due to industry cycles and customer purchasing patterns, which can significantly impact quarterly results depending on their timing. The sale of our products and services is dependent on customers whose industries are subject to seasonal or cyclical trends in the demand for their products. For example, the consumer electronics industry is particularly volatile, making demand difficult to anticipate, which exposes us to increased risk of excess and obsolete inventory and resulting charges. This volatility can also lead to challenges in forecasting our financial results. Failing to meet quarterly revenue and earnings expectations due to these seasonal and cyclical trends could negatively impact investor confidence, resulting in stock price volatility and potential reputational damage.We are at risk for impairment charges with respect to our investments or acquired intangible assets, which could have a material adverse effect on our operating results.As of December 31, 2024, we had approximately $401 million of debt securities in our investment portfolio. These debt securities are reported at fair value, with unrealized gains and losses, net of tax, included in shareholdersâ€™ equity as other comprehensive income (loss). As of December 31, 2024, our portfolio of debt securities had a net unrealized loss of $4,904,000. Included in this net loss, were gross unrealized losses totaling $5,317,000, of which $2,118,000 related to debt securities in a loss position for greater than twelve months. Management monitors its debt securities that are in an unrealized loss position to determine whether a loss exists related to the credit quality of the issuer that would be reported in current operations. While management currently intends to hold these securities to full value recovery at maturity, we may determine to sell these securities prior to maturity to fund our operations, complete acquisitions, or for other purposes, which may result in a loss. It is our policy to invest in investment-grade debt securities that minimize our exposure to credit losses; however, no assurances can be made that we will not incur credit losses with respect to our securities portfolio.As of December 31, 2024, we had approximately $91 million in acquired intangible assets, consisting primarily of customer relationships and completed technologies. The majority of these intangible assets were recorded in the fourth quarter of 2023 when Cognex acquired Moritex Corporation. These assets are susceptible to changes in fair value due to a decrease in the historical or projected cash flows from the use of these assets, which may be negatively impacted by economic trends. We evaluate long-lived assets for impairment annually each fourth quarter and whenever events or changes in circumstances, referred to as "triggering events," indicate the carrying value may not be recoverable. If we determine that any of these investments or intangible assets are impaired, we will be required to take a related charge that could have a material adverse effect on our operating results.We may have additional tax liabilities and our effective tax rate may increase or fluctuate, which could adversely affect our operating results and financial condition.As a multinational corporation, we are subject to income taxes, as well as non-income based taxes, in the United States and numerous foreign jurisdictions. Our effective income tax rate is dependent on the geographic distribution of our worldwide earnings or losses and the tax laws and regulations in each geographic region in which we operate. Significant judgment is required in determining our worldwide provision for income and other taxes. The 12Table of Contentapplication of tax laws and regulations is subject to legal and factual interpretation, judgment, and uncertainty, and tax laws themselves are subject to change. For example, many countries have adopted, or are considering the adoption of, revisions to their respective tax laws based on the Organization for Economic Co-operation and Developmentâ€™s (â€œOECDâ€) Inclusive Framework, which could impact our tax liability due to our organizational structure and significant operations outside of the United States. Furthermore, we are subject to regular review and audit by both domestic and foreign tax authorities and

may be assessed additional taxes, penalties, fees, or interest. Although we believe our tax positions are reasonable, the final determination of tax audits or any related litigation could be different from what is reflected in our financial statements and could have a material adverse effect on our income tax provision or liquidity in the period in which the determination is made.Fluctuations in foreign currency exchange rates and the use of derivative instruments to hedge these exposures could adversely affect our reported results, liquidity, and competitive position.We face exposure to foreign currency exchange rate fluctuations, as a significant portion of our revenues, expenses, assets, and liabilities are denominated in currencies other than the functional currencies of our subsidiaries or the reporting currency of our company, which is the U.S. Dollar. In certain instances, we utilize forward contracts to hedge against foreign currency fluctuations. These contracts are used to minimize foreign currency gains or losses, as the gains or losses on the derivative are intended to offset the losses or gains on the underlying exposure. We do not engage in foreign currency speculation. If the counterparty to any of our hedging arrangements experiences financial difficulties, or is otherwise unable to honor the terms of the contract, we may experience material losses. We may enter into other types of financial instruments in the future to mitigate our foreign currency risk as we deem appropriate.The success of our foreign currency risk management program depends on forecasts of transaction activity denominated in various currencies. To the extent that these forecasts are overstated or understated during periods of currency volatility, we could experience unanticipated foreign currency gains or losses that could have a material impact on our results of operations. In addition, our failure to identify new exposures and hedge them in an effective manner may result in material foreign currency gains or losses. General Risk FactorsUnfavorable global economic conditions may negatively impact our operating results.Our revenue levels are impacted by global economic conditions, as we have a significant business presence in many countries throughout the world. Unfavorable economic conditions, such as inflation, slower growth or recession, higher interest rates, tighter credit, and labor shortages, may cause companies to delay or reduce spending for automation projects, including those with machine vision, amid weaker general manufacturing confidence and heightened uncertainty around global trade. Furthermore, customer confidence and capital investment can be materially adversely impacted as a result of financial market volatility, negative financial news, declines in income or asset values, energy shortages and cost increases, labor and healthcare costs, and other global economic conditions. When global economic conditions are unfavorable, our revenue and our ability to generate operating profits could be materially adversely affected.As a result of global economic conditions, our business is subject to the following risks, among others:â€¢our customers may not have sufficient cash flow or access to financing to purchase our products and services,â€¢our customers may not pay us within agreed upon terms or may default on their payments altogether,â€¢our suppliers may be unable to fulfill their delivery obligations to us in a timely manner,â€¢lower demand for our products may result in charges for excess and obsolete inventory if we are unable to sell inventory that is either already on hand or that we are committed to purchase,â€¢lower cash flows may result in impairment charges for acquired intangible assets or goodwill,â€¢a decline in our stock price may make stock-based awards a less attractive form of compensation and a less effective incentive for retention for our employees, andâ€¢the trading price of our common stock may be volatile.As of December 31, 2024, we had approximately $587 million in cash and investments. In addition, we have no long-term debt. We believe that our strong cash position puts us in a relatively good position to weather economic downturns. Nevertheless, our operating results have been materially adversely affected in the past, and could be materially adversely affected in the future, as a result of unfavorable economic conditions and reduced capital spending by manufacturers and logistics companies worldwide.13Table of ContentNatural disasters, widespread public health crises, and man-made disasters could result in business disruptions that may adversely affect our business and operating results. Our business, and the businesses of our customers, suppliers, and third-party service providers, could be disrupted by natural disasters, such as extreme weather events and earthquakes, public health crises, such as pandemics and epidemics, man-made disasters, such as terrorism and industrial accidents, or other events outside of our control. Certain facets of our business operations, such as our third-party primary contractor manufacturers in Indonesia and Malaysia, are in locations that may be more prone to earthquakes and other natural disasters. Following a business disruption, the Company could be subject to production downtimes, operational delays, substantial recovery time, customer claims, significant expenditures to resume operations, the diversion of managementâ€™s attention and resources, or loss of business, any of which could have a material adverse effect on our competitive position, financial condition, or operating results.While we maintain insurance coverage for certain types of losses, such insurance coverage may be insufficient to cover all losses that may arise. The impact of any such business disruption on the Company is difficult to predict and will depend on the severity of the event and resulting governmental, community, and business actions.Expectations relating to environmental, social, and governance considerations expose the Company to potential liabilities, increased costs, reputational harm, and other adverse effects on our business.Governments, regulators, investors, employees, customers, suppliers, and other stakeholders are increasingly focused on environmental, social, and governance disclosures relating to businesses activities. Performance in this area is driven by transparency, goal setting, and third-party opinion. Any failure, or perceived failure, to further our initiatives, adhere to our public statements, comply with federal, state, or international environmental, social, and governance laws and regulations, or meet evolving and varied stakeholder expectations and standards could result in legal and regulatory proceedings against the Company and adversely affect our business, reputation, financial condition, operating results, stock price, and ability to operate in certain geographic regions.Responding to environmental, social, and governance disclosure requests and the implementation of associated initiatives involves risks and uncertainties, requires investments, and depends in part on third-party performance or data that is outside of our control. Initiatives related to climate performance may be dependent upon the availability of alternative energy sources and evolving procurement practices. Stakeholder expectations and priorities continue to change. We cannot guarantee that we will achieve our environmental, social, and governance goals or commitments. The price of the Companyâ€™s stock is subject to volatility.We have experienced substantial stock price volatility in the past and may continue to do so in the future. The price of our stock may be affected by factors such as our financial performance, announcements of technological innovations or new products by us or our competitors, market conditions, and other factors. Additionally, the Company, the technology industry, and the overall stock market have, from time to time, experienced extreme stock price and volume fluctuations that have affected stock prices in ways that may have been unrelated to these companiesâ€™ operating performance. We believe the price of our stock should reflect expectations for future growth and profitability. If we fail to meet expectations related to future growth, profitability, dividends, share repurchases, or other market expectations, the price of our stock may decline significantly, which could have a material adverse impact on investor confidence and employee retention.Our Company may be subject to time-consuming and costly litigation or activist shareholder activities.From time to time, we may be subject to various claims, demands, and lawsuits by competitors, shareholders, customers, distributors, patent trolls, former employees, or other parties arising in the ordinary course of business, including lawsuits charging patent infringement, or claims and lawsuits instituted by us to protect our intellectual property and confidential information, or for other reasons. These matters can be time-consuming, divert managementâ€™s attention and resources, and cause us to incur significant expenses. Furthermore, the results of any of these actions may have a material adverse effect on our operating results.ITEM 1B: UNRESOLVED STAFF COMMENTSNoneITEM 1C: CYBERSECURITYCybersecurity Risk ManagementAs part of our overall â€œEnterprise Risk Managementâ€ program, the Company has implemented a cybersecurity risk management program that is informed by recognized industry standards and frameworks. Our cybersecurity risk 14Table of Contentmanagement program includes a number of components, including information security program assessments, penetration testing, and threat simulation exercises that are conducted periodically by both internal and external resources, as well as continuous monitoring of critical risks from cybersecurity threats using automated tools. During onboarding and periodically thereafter, we conduct trainings for the Companyâ€™s employees and contractors about cybersecurity risks, including sending test phishing emails for training purposes to all users of the Companyâ€™s email system. As part of our cybersecurity risk management program, we maintain processes to assess and review the cybersecurity practices of third-party vendors and service providers, including utilization of software to evaluate, assess, and monitor cybersecurity risks posed by third parties that provide critical services or handle confidential information. Additionally, prior to engaging a critical third-party vendor or service provider, and periodically thereafter, we conduct security audits of such third parties, and, as appropriate, include security requirements in contracts. We, like other companies in our industry, face a number of cybersecurity risks in connection with our business. Although such risks have not materially affected us, including our business strategy, results of operations, or financial condition, to date, we have, from time to time, experienced threats and security incidents related to our data and systems, including denial of service and phishing attacks. For more information about the cybersecurity risks we face, see the risk factor entitled â€œInformation security breaches may adversely affect our businessâ€ in Item 1A- Risk Factors.GovernanceOur cybersecurity risk management program and related operations and processes are managed by our Information Security team (the â€œIS Teamâ€), which is led by the Senior Director of Information Security. The Senior Director of Information Security role is currently held by an individual who has over fifteen years of experience managing information security programs. The IS Team is responsible for assessing risks from cybersecurity threats, including their potential business impact and likelihood of occurrence, as well as implementing risk mitigations and remediations.The IS Team provides reports on cybersecurity risk management processes to the Chief Financial Officer and other leaders of the Company on a quarterly basis, or as potentially critical risks from cybersecurity threats or incidents arise. The IS Team provides reports on a semi-annual basis to the Audit Committee, which oversees cybersecurity risks pursuant to the Audit Committee Charter. The Audit Committee periodically reports on cybersecurity risk management to the full Board of Directors. The Board of Directors, as a whole and through its committees, has responsibility for the oversight of risk management. ITEM 2: PROPERTIESIn 1994, Cognex purchased and renovated a 100,000 square-foot building located in Natick, Massachusetts that serves as our corporate headquarters and is occupied by employees primarily in research, development, and engineering, manufacturing and quality assurance, and administration functions. In 1997, Cognex completed construction of a 50,000 square-foot addition to this building. In 1995, Cognex purchased an 83,000 square-foot office building adjacent to our corporate headquarters that is occupied by employees primarily in marketing, service, information technology, and finance functions.In 1997, Cognex purchased a three and one-half acre parcel of land adjacent to our corporate headquarters. This land is being held for future expansion and is currently used as an Ultimate Frisbee Field for our Cognoids.In 2007, Cognex purchased a 19,000 square-foot building adjacent to our corporate headquarters that is currently used as a training center for our sales function.In 2014, Cognex purchased a 50,000 square-foot building in Cork, Ireland that serves as the distribution center for customers located in Europe.In 2021, Cognex entered into a lease for a 65,000 square-foot building in Southborough, Massachusetts for a term of 10 years that serves as the distribution center for customers located in the Americas.In 2023, Cognex entered into a lease for a 115,000 square-foot building in Singapore for a term of 10 years and 6 months that serves as the distribution center for customers located in Asia.In connection with the acquisition of Moritex Corporation in the fourth quarter of 2023, the Company acquired a 162,000 square-foot building in Shenzhen, China and assumed a lease agreement for a 22,000 square-foot building in Bac Ninh, Vietnam, both of which serve as production plants for optical components.15Table of ContentCognex conducts certain of its operations in other leased facilities, predominantly research, development, and engineering, sales, and administration functions. These lease agreements expire at various dates through 2033. Certain of these leases contain renewal options, leasehold improvement incentives, retirement obligations, escalation clauses, rent holidays, and variable payments tied to a consumer price index.ITEM 3: LEGAL PROCEEDINGSVarious claims and legal proceedings generally incidental to the normal course of business are pending or threatened on behalf of or against the Company. While we cannot predict the outcome of these matters, we believe that any liability arising from them will not have a material adverse effect on our financial position, liquidity, or results of operations.ITEM 4: MINE SAFETY DISCLOSURESNot applicable.16Table of ContentPART IIITEMÂ 5: MARKET FOR REGISTRANTâ€™S COMMON EQUITY, RELATED STOCKHOLDER MATTERS, AND ISSUER PURCHASES OF EQUITY SECURITIESThe Companyâ€™s common stock is traded on The NASDAQ Stock Market LLC, under the symbol CGNX. As of JanuaryÂ 26, 2025, there were approximately 600 shareholders of record of the Companyâ€™s common stock. The Company believes the number of beneficial owners of the Companyâ€™s common stock on that date was substantially greater.In March 2020, the Company's Board of Directors authorized the repurchase of $200,000,000 of the Company's common stock. Under this March 2020 program, in addition to repurchases made in prior years, the Company repurchased 1,677,000 shares at a cost of $117,000,000 in 2022, which completed purchases under the March 2020 program.In March 2022, the Company's Board of Directors authorized the repurchase of an additional $500,000,000 of the Company's common stock. Under this March 2022 program, the Company repurchased 1,682,000 shares at a cost of $87,314,000 in 2022, 1,723,000 shares at a cost of $79,794,000 in 2023, and 1,711,000 shares at a cost of $67,085,000 in 2024, leaving a remaining balance of $265,807,000 as of December 31, 2024. The 2023 repurchase included $446,000 of buyback Excise Tax in accordance with the Inflation Reduction Act of 2022. The Company may repurchase shares under this program in future periods depending on a variety of factors, including, among other things, the impact of dilution from employee stock awards, stock price, share availability, and cash requirements. The Company is authorized to make repurchases of its common stock through open market purchases, pursuant to Rule 10b5-1 trading plans, or in privately negotiated transactions.The following table sets forth information with respect to purchases by the Company of shares of its common stock during each fiscal month of the fourth quarter of 2024:Total Number ofSharesÂ PurchasedAveragePriceÂ Paidper ShareTotal Number ofSharesÂ PurchasedÂ asPart of PubliclyAnnounced Plans orProgramsApproximate DollarValue of Shares thatMay Yet BePurchasedÂ UnderÂ thePlans or ProgramsSeptember 30 - October 27, 2024119,000Â $39.45Â 119,000Â $304,355,000Â October 28 - November 24, 2024109,000Â 39.71Â 109,000Â 300,007,000Â November 25 - December 31, 2024928,000Â 36.87Â 928,000Â 265,807,000Â Total1,156,000Â $37.40Â 1,156,000Â $265,807,000Â The information required by Item 5 of Form 10-K regarding equity compensation plans is incorporated herein by reference to Item 12 of Part III of this Annual Report.The Companyâ€™s Board of Directors declared and paid cash dividends of $0.065 per share in the first, second, and third quarters of 2022, $0.070 per share in the fourth quarter of 2022 and in the first, second, and third quarters of 2023, and $0.075 per share in the fourth quarter of 2023 and in the first, second, and third quarters of 2024. The dividend was increased to $0.080 per share in the fourth quarter of 2024. Total dividends paid were $52,329,000 in 2024, $49,079,000 in 2023, and $45,921,000 in 2022. Future dividends will be declared at the discretion of the Company's Board of Directors and will depend on such factors as the Board deems relevant, including, among other things, the Company's ability to generate positive cash flow from operations.17Table of ContentSet forth below is a line graph comparing the annual percentage change in the cumulative total shareholder return on the Companyâ€™s common stock, based on the market price of the Companyâ€™s common stock, with the total return on companies within the Nasdaq Composite Index and the Nasdaq Lab ApparatusÂ & Analytical, Optical, MeasuringÂ & Controlling Instrument (SIC 3820-3829 US Companies) Index (the â€œNasdaq Lab Apparatus Indexâ€). The performance graph assumes an investment of $100 in each of the Company and the two indices, and the reinvestment of any dividends. The historical information set forth below is not necessarily indicative of future performance. Data for the Nasdaq Composite Index and the Nasdaq Lab Apparatus Index was provided to the Company by Research Data Group, Inc.*$100 invested on 12/31/2019 in stock or index, including reinvestment of dividends. Fiscal year ended December 31.12/1912/2012/2112/2212/2312/24Cognex Corporation100.00Â 151.56Â 147.25Â 89.67Â 79.95Â 69.20Â NASDAQ Composite100.00Â 144.92Â 177.06Â 119.45Â 172.77Â 223.87Â NASDAQ Stocks100.00Â 132.07Â 136.90Â 82.82Â 96.36Â 97.07Â (SIC 3820-3829 U.S. Companies) Lab Apparatus & Analyt,Opt, Measuring, and Controlling Instrument)18Table of ContentITEMÂ 6:Â [RESERVED]ITEMÂ 7:Â MANAGEMENTâ€™S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONSFORWARD-LOOKING STATEMENTSCertain statements made in this report, as well as oral statements made by the Company from time to time, constitute forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Exchange Act. Readers can identify these forward-looking statements by our use of the words â€œexpects,â€ â€œanticipates,â€ â€œestimates,â€ "potential," â€œbelieves,â€ â€œprojects,â€ â€œintends,â€ â€œplans,â€ â€œwill,â€ â€œmay,â€ â€œshall,â€ â€œcould,â€ â€œshould,â€ "opportunity," "goal" and similar words and other statements of a similar sense. These statements are based on our current estimates and expectations as to prospective events and circumstances, which may or may not be in our control and as to which there can be no firm assurances given. These forward-looking statements, which include statements regarding business and market trends, future financial performance and financial targets, customer demand and order rates and timing of related revenue, future product or revenue mix, research and development activities, sales and marketing activities, new product offerings, innovation and product development activities, customer acceptance of our products, capital expenditures, cost and working capital management activities, investments, liquidity, dividends and stock repurchases, strategic and growth plans and opportunities, acquisitions, and estimated tax benefits and expenses and other tax matters, involve known and unknown risks and uncertainties that could cause actual results to differ materially from those projected. Such risks and uncertainties include: (1) the technological obsolescence of current products and the inability to develop new products; (2) the impact of competitive pressures; (3) the inability to attract and retain skilled employees, effectively plan for succession, and maintain our unique corporate culture; (4) the failure to properly manage the distribution of products and services; (5) economic, political, and other risks associated with international sales and operations, including the impact of trade disputes on the economic climate in China; (6) the challenges in integrating and achieving expected results from acquired

businesses; (7) uncertainty surrounding our future capital needs; (8) information security breaches; (9) the failure to comply with laws or regulations relating to data privacy or data protection; (10) the inability to protect our proprietary technology and intellectual property; (11) the failure to manufacture and deliver products in a timely manner; (12) the inability to obtain, or the delay in obtaining, components for our products at reasonable prices; (13) the inability to design and manufacture high-quality products; (14) the loss of, or curtailment of purchases by, large customers in the logistics, consumer electronics, or automotive industries; (15) challenges in accurately forecasting our financial results due to seasonal and cyclical variations in customer purchasing patterns; (16) potential impairment charges with respect to our investments or acquired intangible assets; (17) exposure to additional tax liabilities, increases and fluctuations in our effective tax rate, and other tax matters; (18) fluctuations in foreign currency exchange rates and the use of derivative instruments; (19) unfavorable global economic conditions, including increases in interest rates and elevated inflation rates; (20) business disruptions from natural or man-made disasters, public health crises, or other events outside our control; (21) exposure to potential liabilities, increased costs, reputational harm, and other adverse effects associated with expectations relating to environmental, social, and governance considerations; (22) stock price volatility; and (23) our involvement in time-consuming and costly litigation or activist shareholder activities. The foregoing list should not be construed as exhaustive and we encourage readers to refer to the detailed discussion of risk factors included in Part I - Item 1A of this Annual Report on Form 10-K. The Company cautions readers not to place undue reliance upon any such forward-looking statements, which speak only as of the date made. The Company disclaims any obligation to subsequently revise forward-looking statements to reflect the occurrence of anticipated or unanticipated events or circumstances after the date such statements are made.EXECUTIVE OVERVIEWCognex Corporation (â€œthe Companyâ€) invents and commercializes technologies that address some of the most critical manufacturing and distribution challenges. We are a leading global provider of machine vision products and solutions that seek to improve efficiency and quality in a wide range of businesses across attractive industrial end markets. In addition to product revenue derived from the sale of machine vision products, the Company also generates revenue by providing maintenance and support, consulting, and training services to its customers; however, service revenue accounted for less than 10% of total revenue for all periods presented.Machine vision is used in a variety of industries where technology is widely recognized as an important component of automated production, distribution, and quality assurance. Virtually every manufacturer or distributor can achieve better quality and efficiency by using machine vision. This results in a broad base of potential customers across a 19Table of Contentvariety of industries, including logistics, automotive, consumer electronics, semiconductor, consumer products, medical-related, and food and beverage.Revenue was $914,515,000 in 2024, representing an increase of 9% over the prior year. The increase was due to incremental revenue arising from the acquisition of Moritex Corporation (â€œMoritexâ€) that closed in the fourth quarter of 2023, as well as higher revenue from customers in the logistics and semiconductor industries. These increases were partially offset by lower revenue from customers in the automotive industry and softness across our broader factory automation business.Gross margin was 68% in 2024 compared to 72% in 2023. The decrease was primarily due to a less favorable revenue mix related to the contribution of Moritex and higher logistics revenue, and to a lesser extent, the impact of pricing pressures.Operating expenses increased 9% over the prior year. Investments intended to expand our sales coverage, incremental costs related to the acquisition of Moritex, and higher incentive compensation expenses were partially offset by disciplined cost management and lower total headcount. Cost recoveries recorded in 2023 related to the 2022 fire at the Companyâ€™s contract manufacturer also contributed to the increase.Operating income decreased to 13% of revenue in 2024 compared to 16% of revenue in 2023 driven by the lower gross margin percentage. Net income decreased to 12% of revenue, or $0.62 per share, in 2024 compared to 14% of revenue, or $0.65 per share, in 2023.The following table sets forth certain consolidated financial data as a percentage of revenue:Â Year Ended DecemberÂ 31,2024 (1)2023 (1)2022 (1)Revenue100Â %100Â %100Â %Cost of revenue32Â 28Â 28Â Gross profit68Â 72Â 72Â Research, development, and engineering expenses15Â 17Â 14Â Selling, general, and administrative expenses41Â 40Â 31Â Loss (recovery) from fireâ€”Â (1)2Â Operating income13Â 16Â 24Â Non-operating income2Â 1Â â€”Â Income before income tax expense14Â 16Â 24Â Income tax expense3Â 3Â 3Â Net income12Â %14Â %21Â %(1) Amounts may not total properly due to rounding.RESULTS OF OPERATIONSYear Ended December 31, 2024 Compared to Year Ended December 31, 2023RevenueRevenue was $914,515,000 in 2024 compared to $837,547,000 in 2023, representing an increase of 9%. Revenue from the acquisition of Moritex that closed in the fourth quarter of 2023 represented approximately 8% of total revenue in 2024 and 1% of total revenue in 2023. Excluding the contribution of Moritex, revenue increased by 1% in 2024 over the prior year due to higher revenue from customers in the logistics and semiconductor industries, partially offset by lower revenue from customers in the automotive industry and softness across our broader factory automation business.Changes in revenue from an end-market perspective, including Moritex, were as follows:â€¢Revenue from the logistics industry represented approximately 23% of total revenue in 2024 and increased by 20% from the prior year due to investment by e-commerce customers. â€¢Revenue from the automotive industry represented approximately 22% of total revenue in 2024 and decreased by 12% from the prior year due to continued weakness in this industry, including lower investment related to electric vehicles. â€¢Revenue from the consumer electronics industry represented approximately 17% of total revenue in 2024 and increased by 3% from the prior year due to the contribution of Moritex, as well as higher large customer demand. 20Table of Contentâ€¢Revenue from the semiconductor industry represented approximately 11% of total revenue in 2024 and grew by 80% from the prior year due to the contribution of Moritex, as well as higher global demand for computing chips.The following table sets forth our disaggregated revenue information by geographic area based on the customers' country of domicile (in thousands) for the years ended December 31, 2024 and 2023.Twelve-months EndedDecember 31, 2024December 31, 2023$ Change% ChangeAmericas$350,155Â $330,415Â $19,740Â 6Â %Percentage of total revenue38Â %39Â %Europe$217,880Â $220,665Â $(2,785)(1)%Percentage of total revenue24Â %26Â %Greater China$164,147Â $164,115Â $32Â â€”Â %Percentage of total revenue18Â %20Â %Other Asia$182,333Â $122,352Â $59,981Â 49Â %Percentage of total revenue20Â %15Â %Total revenue$914,515Â $837,547Â $76,968Â 9Â %Changes in revenue from a geographic perspective, including Moritex, were as follows:â€¢Revenue from customers based in the Americas increased by 6% from the prior year. Strong growth in logistics was partially offset by weakness in the automotive industry.â€¢Revenue from customers based in Europe decreased by 1% from the prior year. Growth in logistics was offset by declines in factory automation, most notably in the automotive industry.â€¢Revenue from customers based in Greater China was flat compared to the prior year. The Moritex contribution, higher semiconductor revenue, and higher large customer consumer electronics revenue was offset by declines in other factory automation industries, most notably in the automotive industry.â€¢Revenue from other countries in Asia increased by 49% from the prior year due to the Moritex contribution, higher semiconductor revenue, and growth in logistics.Gross ProfitThe following table sets forth our gross profit (in thousands) for the years ended December 31, 2024 and 2023.Twelve-months EndedDecember 31, 2024December 31, 2023$ Change% ChangeGross profit$625,794Â $601,241Â $24,553Â 4Â %Percentage of total revenue68Â %72Â %Gross margin decreased to 68% in 2024 compared to 72% in 2023. The decrease was due to a less favorable revenue mix in 2024 that included higher logistics revenue and products with relatively lower gross margins from the Moritex acquisition that closed in the fourth quarter of 2023, as well as the amortization of Moritex acquired technologies. Lower average selling prices due to pricing pressures also contributed to the lower margin in 2024.21Table of ContentOperating ExpensesThe following table sets forth our operating expenses (in thousands) for the years ended December 31, 2024 and 2023.Twelve-months EndedDecember 31, 2024December 31, 2023$ Change% ChangeResearch, development, and engineering expenses$139,815Â $139,400Â $415Â â€”Â %Percentage of total revenue15Â %17Â %Selling, general, and administrative expenses$370,914Â $339,139Â $31,775Â 9Â %Percentage of total revenue41Â %40Â %Loss (recovery) from fireâ€”Â $(8,000)$8,000Â (100)%Percentage of total revenueâ€”Â %(1)%Total operating expenses$510,729Â $470,539Â $40,190Â 9Â %Percentage of total revenue56Â %56Â %Research, Development, and Engineering ExpensesResearch, development, and engineering (RD&E) expenses in 2024 were relatively flat compared to the prior year. Higher incentive compensation expenses and the additional cost associated with a new team of optical engineers that joined Cognex with the acquisition of Moritex in the fourth quarter of 2023 was offset by a reduction in RD&E headcount outside of Moritex, lower deferred compensation costs related to the 2019 acquisition of Sualab Co, Ltd. that were fully paid in the fourth quarter of 2023, and disciplined cost management.RD&E expenses as a percentage of revenue were 15% in 2024 compared to 17% in 2023. We believe that a continued commitment to RD&E activities is essential to maintain or achieve product leadership with our existing products and to provide innovative new product offerings, as well as to provide engineering support for large customers. In addition, we consider our ability to accelerate the time to market for new products to be critical to our revenue growth and competitive position. This annual percentage is impacted by revenue levels and investment cycles.Selling, General, and Administrative ExpensesSelling, general, and administrative (SG&A) expenses in 2024 increased by 9% from the prior year. The increase was due primarily to investments in entry-level sales personnel hired over the past few years intended to transform our sales model, allowing us to broaden and deepen our sales coverage. Costs related to the acquisition of Moritex that closed in the fourth quarter of 2023 also contributed to the higher SG&A expenses in 2024, including additional sales and support personnel-related costs, the amortization of acquired customer relationship and trademarks, and integration costs. In addition, incentive compensation expenses were higher in 2024. These increases were partially offset by Moritex transaction costs incurred in the fourth quarter of 2023, a reduction in SG&A headcount outside of Moritex and entry-level sales, and disciplined cost management.Loss (Recovery) from FireOn June 7, 2022, the Companyâ€™s primary contract manufacturer experienced a fire at its plant in Indonesia, destroying a significant amount of Cognex inventories. In 2023, the Company recorded recoveries related to the fire totaling $8,000,000, including $5,500,000 for proceeds received from a financial settlement and $2,500,000, for proceeds received from business interruption insurance.Non-operating Income (Expense)The following table sets forth our non-operating income (expense) (in thousands) for the years ended December 31, 2024 and 2023.Twelve-months EndedDecember 31, 2024December 31, 2023$ Change% ChangeForeign currency gain (loss)$1,531Â $(10,039)$11,570Â (115)%Investment income$13,971Â $14,093Â $(122)(1)%Other income (expense)$922Â $592Â $330Â 56Â %Total non-operating income (expense)$16,424Â $4,646Â $11,778Â 254Â %22Table of ContentIn the third quarter of 2023, the Company recorded a foreign currency loss of $8,456,000 on the settlement of a foreign currency forward contract entered into to hedge the Japanese Yen purchase price of the acquisition of Moritex Corporation. Remaining foreign currency gains and losses in each year resulted primarily from the revaluation and settlement of assets and liabilities that are denominated in currencies other than the functional currency of the Company, which is the U.S. Dollar, or its subsidiaries.Investment income decreased by $122,000, or 1%, from the prior year. The decrease was due to lower average investment balances, partially offset by higher yields on the Company's portfolio of debt securities. During the fourth quarter of 2023, net cash payments related to the acquisition of Moritex reduced cash available to invest by approximately $257 million, which resulted in lower investment income for 2024.Income Tax ExpenseThe following table sets forth income tax information (in thousands) for the years ended December 31, 2024 and December 31, 2023.Twelve-months EndedDecember 31, 2024December 31, 2023$ Change% ChangeIncome before income tax expense$131,489Â $135,348Â $(3,859)(3)%Income tax expense$25,318Â $22,114Â $3,204Â 14Â %Effective income tax rate19Â %16Â %The Companyâ€™s effective tax rate was 19% in 2024 and 16% in 2023. The Company recorded discrete tax net expenses of $5,731,000 in 2024 and $2,338,000 in 2023. Excluding the impact of these discrete tax items, the Companyâ€™s effective tax rate was 15% in both years.Year Ended December 31, 2023 Compared to Year Ended December 31, 2022For a discussion of the Companyâ€™s fiscal 2023 results compared to fiscal 2022, refer to "Management's Discussion and Analysis of Financial Condition and Results of Operations" in the Companyâ€™s Annual Report on Form 10-K for the year ended December 31, 2023, filed with the Securities and Exchange Commission on February 15, 2024.LIQUIDITY AND CAPITAL RESOURCESThe Company has historically been able to generate positive cash flow from operations, which has funded its operating activities and other cash requirements and resulted in an accumulated cash and investment balance of $586,948,000 as of DecemberÂ 31, 2024. The Company has established guidelines relative to credit ratings, diversification, and maturities of its investments to maintain liquidity and safety of its investment portfolio.Operating ActivitiesNet cash provided by operating activities totaled $149,081,000 in 2024. Significant uses of cash consisted of an increase in accounts receivable related to growth in logistics revenue and in support of sales initiatives.Investing ActivitiesNet cash used in investing activities totaled $38,969,000 in 2024. Investing activities included capital expenditures, that totaled $15,043,000 and consisted primarily of continued investments in business systems, manufacturing equipment related to new product introductions, and building and leasehold improvements.Financing ActivitiesNet cash used in financing activities totaled $118,420,000 in 2024.In March 2022, the Company's Board of Directors authorized the repurchase of $500,000,000 of the Company's common stock. Under this program, the Company repurchased 1,711,000 shares at a cost of $67,085,000 in 2024, leaving a remaining balance of $265,807,000 as of December 31, 2024. The Company may repurchase shares under this program in future periods depending on a variety of factors, including, among other things, the impact of dilution from employee stock awards, stock price, share availability, and cash requirements. The Company is authorized to make repurchases of its common stock through open market purchases, pursuant to Rule 10b5-1 trading plans, or in privately negotiated transactions.23Table of ContentThe Companyâ€™s Board of Directors declared and paid cash dividends of $0.075 per share in the first, second, and third quarters of 2024 and $0.080 per share in the fourth quarter of 2024, totaling $52,329,000 in 2024. Future dividends will be declared at the discretion of the Company's Board of Directors and will depend on such factors as the Board deems relevant, including, among other things, the Company's ability to generate positive cash flow from operations.Future Cash RequirementsAs of DecemberÂ 31, 2024, the Company had inventory purchase commitments of $44,269,000, with the majority payable within twelve months, and lease payment obligations of $115,200,000, with $13,177,000 payable within twelve months. As of December 31, 2024, the Company had a remaining balance of $18,338,000 payable in the second quarter of 2025 related to a one-time transition tax on unrepatriated foreign earnings arising from the Tax Cuts and Jobs Act of 2017. We believe that the Company's existing cash and investment balances, together with cash flow from operations, will be sufficient to meet its operating, investing, and financing activities for the next twelve months. In addition, the Company has no long-term debt. We believe that our strong cash position has put us in a relatively good position with respect to anticipated longer-term liquidity needs.CRITICAL ACCOUNTING ESTIMATESOur discussion and analysis of the Companyâ€™s financial condition and results of operations are based on the consolidated financial statements included in this Annual Report on Form 10-K, which have been prepared in accordance with accounting principles generally accepted in the United States. The preparation of these financial statements requires management to make estimates and judgments that affect the reported amounts of assets, liabilities, revenue, and expenses, and related disclosure of contingent assets and liabilities. We base our estimates on historical experience and various other assumptions believed to be reasonable under the circumstances, the results of which form the basis for making judgments about the carrying values of assets and liabilities that are not readily apparent from other sources. Changes in accounting estimates are reasonably likely to occur from period to period. Accordingly, actual results could differ from these estimates under different assumptions or circumstances resulting in changes that could be material in future reporting periods. We believe the following critical accounting policies require the use of significant estimates and judgments in the preparation of our consolidated financial statements.Revenue RecognitionThe Company recognizes revenue in a manner that depicts the transfer of promised goods or services to customers in an amount that reflects the consideration to which the Company expects to be entitled in exchange for those goods or services.Management uses significant judgment when determining the amount of revenue to be recognized each period for application-specific customer solutions. Accounting for application-specific customer solutions requires management to monitor and evaluate customer contracts to determine the point in time at which the solution is validated. The Companyâ€™s application-specific customer solutions are comprised of a combination of products and services which are accounted for as one performance obligation to deliver a total solution to the customer. Revenue for application-specific customer solutions is recognized at the point in time when the solution is validated, which is the point in time when the Company can reasonably determine that the agreed-upon specifications in the contract have been met and the customer should reasonably accept the performance obligations in the arrangement. Although the customer may have taken legal title and physical possession of the goods when they arrived at the customerâ€™s designated site, the significant risks and rewards of ownership transfer to the customer only upon validation.Income TaxesSignificant judgment is required in determining worldwide income tax expense based on tax laws in the various jurisdictions in which the Company operates. The Company has established reserves for income taxes by applying the â€œmore likely than notâ€ criteria, under which the recognition threshold is met when an entity concludes that a tax position, based solely on its technical merits, is more likely than not to be sustained upon examination by the relevant tax authority. All tax positions are analyzed periodically and adjustments are made as events occur that warrant modification, such as the completion of audits or the expiration of statutes of limitations, which may result in future charges or credits to income tax expense.As part of the process of preparing consolidated financial statements, management is required to estimate income taxes in each of the jurisdictions in which the Company operates. These estimates occur in the calculation of income tax credits, benefits, and deductions, and in the calculation of certain tax assets and liabilities, which arise 24Table of Contentfrom differences in the timing of the recognition of certain expenses for tax and financial statement purposes. We assess the likelihood of the realization of deferred tax assets and record a corresponding valuation allowance as necessary if we determine those deferred tax assets may not be realized due to the uncertainty of the timing and amount to be realized of certain federal,

state, and international tax credit carryovers.The Company accounts for the impact of the Global Intangible Low-Taxed Income (GILTI) minimum tax in deferred taxes.NEW PRONOUNCEMENTSRefer to Part II, Item 8 - Note 2 within this Form 10-K, for a full description of recently issued accounting pronouncements including the expected dates of adoption and expected impact on the financial position and results of operations of the Company. ITEMÂ 7A:Â QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISKThe Company is exposed to certain risks relating to its ongoing business operations, including foreign currency exchange rate risk and interest rate risk. The Company currently mitigates certain foreign currency exchange rate risks with derivative instruments. The Company does not currently manage its interest rate risk with derivative instruments.Foreign Currency RiskThe Company faces exposure to foreign currency exchange rate fluctuations, as a significant portion of its revenues, expenses, assets, and liabilities are denominated in currencies other than the functional currencies of the Companyâ€™s subsidiaries or the reporting currency of the Company, which is the U.S. Dollar. In certain instances, we utilize forward contracts to hedge against foreign currency fluctuations. These contracts are used to minimize foreign currency gains or losses, as the gains or losses on the derivative are intended to offset the losses or gains on the underlying exposure. We do not engage in foreign currency speculation. The Company enters into economic hedges utilizing foreign currency forward contracts with maturities of up to three months to manage the exposure to fluctuations in foreign currency exchange rates arising primarily from foreign-denominated receivables and payables.The Company had the following outstanding forward contracts as of December 31, 2024 and 2023 (in thousands): December 31, 2024December 31, 2023CurrencyNotional ValueUSD EquivalentHigh RateLow RateNotional ValueUSD EquivalentHigh RateLow RateDerivatives Not Designated as Hedging Instruments:Singapore Dollar40,000Â $29,457Â 1.36Â 1.36Â 39,700Â $30,136Â 1.32Â 1.32Â Euro25,000Â 26,029Â 0.9605Â 0.9605Â 40,000Â 44,302Â 0.9029Â 0.9029Â Chinese Renminbi95,000Â 12,990Â 7.317.31Â 50,000Â 7,025Â 7.127.12Â Mexican Peso220,000Â 10,701Â 20.56Â 20.56Â 145,000Â 8,505Â 17.05Â 17.05Â Hungarian Forint2,360,000Â 5,951Â 396.59Â 396.59Â 2,240,000Â 6,466Â 346.45Â 346.45Â British Pound3,200Â 4,008Â 0.7983Â 0.7983Â 3,345Â 4,258Â 0.7855Â 0.7855Â Japanese Yen2,000,000Â 3,750Â 156.52Â 156.52Â 600,000Â 4,255Â 141.02Â 141.02Â Swiss Franc2,200Â 2,432Â 0.90470.9047â€”Â â€”Â â€”Â â€”Â Canadian Dollar2,000Â 1,390Â 1.44Â 1.44Â 1,470Â 1,112Â 1.32Â 1.32Â A change in foreign currency exchange rates could materially impact the fair value of these contracts; however, if this occurred, the fair value of the underlying exposures hedged by the contracts would change by a similar amount. Accordingly, management does not believe that a material change in foreign currency exchange rates used in the fair value of our derivative instruments would materially impact operations or cash flows.The success of our foreign currency risk management program depends on forecasts of transaction activity denominated in various currencies. To the extent that these forecasts are overstated or understated during periods of currency volatility, we could experience unanticipated foreign currency gains or losses that could have a material impact on our results of operations. Furthermore, our failure to identify new exposures and hedge them in an effective manner may result in material foreign currency gains or losses.25Table of ContentThe Companyâ€™s functional currency/reporting currency exchange rate exposures result from revenues and expenses that are denominated in currencies other than the U.S. Dollar. In addition to the U.S. Dollar, a significant portion of our revenues and expenses are denominated in the Euro and Chinese Renminbi, and to a lesser extent the Japanese Yen, Korean Won, Indian Rupee, and Mexican Peso. We estimate that approximately 55% of our sales in 2024 were invoiced in currencies other than the U.S.Â Dollar, and we expect sales denominated in foreign currencies to continue to represent a significant portion of our total revenue. While we also have expenses denominated in these same foreign currencies, the impact on revenues has historically been, and is expected to continue to be, greater than the offsetting impact on expenses. Therefore, in times when the U.S.Â Dollar strengthens in relation to these foreign currencies, we would expect to report a net decrease in operating income. Conversely, in times when the U.S.Â Dollar weakens in relation to these foreign currencies, we would expect to report a net increase in operating income. Thus, changes in the relative strength of the U.S.Â Dollar may have a material impact on our operating results.Interest Rate RiskThe Companyâ€™s investment portfolio of debt securities includes corporate bonds, treasury notes, asset-backed securities, and sovereign bonds. Debt securities with original maturities greater than three months are designated as available-for-sale and are reported at fair value. As of DecemberÂ 31, 2024, the fair value of the Companyâ€™s portfolio of debt securities amounted to $400,854,000, with amortized cost amounts totaling $405,758,000, maturities that do not exceed six years, and a yield to maturity of 3.8%. Differences between the fair value and principal amounts of the Companyâ€™s portfolio of debt securities are primarily attributable to discounts and premiums arising at the acquisition date, as well as unrealized gains and losses as of the balance sheet date. Management currently intends to hold these securities to full value recovery at maturity.In July 2023, the Companyâ€™s investment policy was modified to reduce effective maturities of newly-purchased securities to up to five years. As of December 31, 2024, the Company held investments with maturities in excess of the five-year limit that were approved as pre-existing exceptions to the new policy. As of DecemberÂ 31, 2024, 63% of the investment portfolio had effective maturity dates of less than three years. Given the relatively short maturities and investment-grade quality of the Companyâ€™s portfolio of debt securities as of DecemberÂ 31, 2024, we do not expect a sharp rise in interest rates to have a material adverse effect on the fair value of these instruments. As a result, the Company does not currently hedge these interest rate exposures.The following table presents the hypothetical change in the fair value of the Companyâ€™s portfolio of debt securities arising from selected potential changes in interest rates (in thousands). This modeling technique measures the change in fair value that would result from a parallel shift in the yield curve plus or minus 50 and 100 basis points (BP) over a twelve-month time horizon.Type of securityValuationÂ ofÂ securitiesÂ givenanÂ interestÂ rateÂ decreaseNoÂ changeÂ ininterestÂ ratesValuationÂ ofÂ securitiesÂ givenan interestÂ rateÂ increase(100 BP)(50 BP)50 BP100 BPCorporate bonds$348,034Â $344,475Â $340,916Â $337,357Â $333,798Â Treasury notes46,586Â 46,109Â 45,634Â 45,157Â 44,680Â Asset-backedÂ securities13,592Â 13,453Â 13,314Â 13,175Â 13,036Â Sovereign bonds1,011Â 1,000Â 990Â 980Â 969Â $409,223Â $405,037Â $400,854Â $396,669Â $392,483Â 26Table of ContentITEMÂ 8:Â FINANCIAL STATEMENTS AND SUPPLEMENTARY DATAINDEX TO FINANCIAL STATEMENTS AND SUPPLEMENTARY DATAConsolidated Financial Statements:Report of Independent Registered Public Accounting Firm (PCAOB ID Number 248)28Consolidated Statements of Operations for the Years Ended DecemberÂ 31, 2024, 2023, and 202230Consolidated Statements of Comprehensive Income for the Years Ended DecemberÂ 31, 2024, 2023, and 202231Consolidated Balance Sheets as of DecemberÂ 31, 2024 and 202332Consolidated Statements of Cash Flows for the Years Ended DecemberÂ 31, 2024, 2023, and 202233Consolidated Statements of Shareholdersâ€™ Equity for the Years Ended DecemberÂ 31, 2024, 2023, and 202234Notes to the Consolidated Financial Statements35Financial Statement Schedule:Schedule II â€“ Valuation and Qualifying Accounts for the Years Ended DecemberÂ 31, 2024, 2023, and 20226427Table of ContentREPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRMBoard of Directors and ShareholdersCognex CorporationOpinion on the financial statements We have audited the accompanying consolidated balance sheets of Cognex Corporation (a Massachusetts corporation) and subsidiaries (the â€œCompanyâ€) as of December 31, 2024 and 2023, the related consolidated statements of operations, comprehensive income, shareholdersâ€™ equity, and cash flows for each of the three years in the period ended December 31, 2024, and the related notes and financial statement schedule included under Item 15(a) (collectively referred to as the â€œfinancial statementsâ€). In our opinion, the financial statements present fairly, in all material respects, the financial position of the Company as of December 31, 2024 and 2023, and the results of its operations and its cash flows for each of the three years in the period ended December 31, 2024, in conformity with accounting principles generally accepted in the United States of America. We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) (â€œPCAOBâ€), the Companyâ€™s internal control over financial reporting as of December 31, 2024, based on criteria established in the 2013 Internal Controlâ€”Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (â€œCOSOâ€), and our report dated February 13, 2025 expressed an unqualified opinion.Change in accounting principleAs discussed in Note 20 to the consolidated financial statements, the Company has adopted new accounting guidance in 2024 related to the disclosure of segment information in accordance with ASU 2023-07, Segment Reporting (Topic 280). The adoption was retrospectively applied to 2023 and 2022.Basis for opinion These financial statements are the responsibility of the Companyâ€™s management. Our responsibility is to express an opinion on the Companyâ€™s financial statements based on our audits. We are a public accounting firm registered with the PCAOB and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB. We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether due to error or fraud. Our audits included performing procedures to assess the risks of material misstatement of the financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements. We believe that our audits provide a reasonable basis for our opinion.Critical audit matterThe critical audit matter communicated below is a matter arising from the current period audit of the financial statements that was communicated or required to be communicated to the audit committee and that: (1) relates to accounts or disclosures that are material to the financial statements and (2) involved our especially challenging, subjective, or complex judgments. The communication of critical audit matters does not alter in any way our opinion on the financial statements, taken as a whole, and we are not, by communicating the critical audit matter below, providing a separate opinion on the critical audit matter or on the accounts or disclosures to which it relates.Revenue Recognition â€“ Application-Specific Customer Solutions As described further in Notes 1 and 14 to the consolidated financial statements, the Company recognizes revenue from application-specific customer solutions. For these transactions, revenue is recognized at the point in time when the solution is validated, which is when the Company can reasonably determine that the agreed-upon specifications in the contract have been met and the customer will accept the performance obligation in the contract. We identified revenue recognition related to application-specific customer solutions as a critical audit matter.The principal considerations for our determination that revenue recognition related to application-specific customer solutions is a critical audit matter are that evaluating the performance obligations and determining the timing of 28Table of Contentvalidation and that the agreed-upon specifications in the contract have been met rely on the use of management judgements and require a higher degree of auditor judgment in designing, executing and evaluating the results of audit procedures. Accounting for application-specific customer solutions requires the Company to monitor and evaluate customer contracts on an ongoing basis to determine the point in time at which the solution is validated, the agreed-upon specifications in the contract have been met and revenue is recognized. Our audit procedures related to the revenue recognition of application-specific customer solutions included the following, among others. â€¢We tested the design and operating effectiveness of internal controls related to the monitoring of application-specific customer solution contracts, determination of validation and the timing of revenue recognition.â€¢We evaluated managementâ€™s significant accounting policies related to these customer contracts, including the determination of the performance obligation, for appropriate revenue recognition based on the key terms and provisions.â€¢For a sample of contracts, we inspected source documents, including the customer contract or purchase order, third-party shipping information, invoice, and evidence of validation or acceptance to evaluate the identification of performance obligations and timing of revenue recognition./s/ GRANT THORNTON LLPWe have served as the Companyâ€™s auditor since 2007. Boston, MassachusettsFebruaryÂ 13, 2025 29Table of ContentCOGNEX CORPORATION â€“ CONSOLIDATED STATEMENTS OF OPERATIONSÂ Year Ended DecemberÂ 31,202420232022Â (In thousands, except per share amounts)Revenue$914,515Â $837,547Â $1,006,090Â Cost of revenue288,721Â 236,306Â 284,185Â Gross profit625,794Â 601,241Â 721,905Â Research, development, and engineering expenses139,815Â 139,400Â 141,133Â Selling, general, and administrative expenses370,914Â 339,139Â 312,107Â Loss (recovery) from fire (Note 22)â€”Â (8,000)20,779Â Restructuring chargesâ€”Â â€”Â 1,657Â Operating income115,065Â 130,702Â 246,229Â Foreign currency gain (loss)1,531Â (10,039)(1,837)Investment income13,971Â 14,093Â 6,715Â Other income (expense)922Â 592Â (412)Income before income tax expense131,489Â 135,348Â 250,695Â Income tax expense25,318Â 22,114Â 35,170Â Net income$106,171Â $113,234Â $215,525Â Net Income per weighted-average common and common-equivalent share:Basic$0.62Â $0.66Â $1.24Â Diluted$0.62Â $0.65Â $1.23Â Weighted-average common and common-equivalent shares outstanding:Basic171,438Â 172,249Â 173,407Â Diluted172,611Â 173,399Â 174,869Â Cash dividends per common share$0.305Â $0.286Â $0.265Â The accompanying notes are an integral part of these consolidated financial statements.30Table of ContentCOGNEX CORPORATION â€“ CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOMEÂ Â Year Ended DecemberÂ 31,202420232022Â (In thousands)Net income$106,171Â $113,234Â $215,525Â Other comprehensive income (loss), net of tax:Available-for-sale investments:Net unrealized gain (loss), net of tax of $1,245, $4,389, and $(5,943) in 2024, 2023, and 2022, respectively3,809Â 10,507Â (17,152)Reclassification of net realized (gain) loss into current operations8Â 1,954Â 182Â Net change related to available-for-sale investments3,817Â 12,461Â (16,970)Foreign currency translation adjustments:Foreign currency translation gain (loss)(31,258)11,500Â (4,385)Net change related to foreign currency translation adjustments(31,258)11,500Â (4,385)Other comprehensive income (loss), net of tax(27,441)23,961Â (21,355)Total comprehensive income$78,730Â $137,195Â $194,170Â Â The accompanying notes are an integral part of these consolidated financial statements.31Table of ContentCOGNEX CORPORATION â€“ CONSOLIDATED BALANCE SHEETSÂ Â DecemberÂ 31,20242023Â (In thousands)ASSETSCurrent assets:Cash and cash equivalents$186,094Â $202,655Â Current investments, amortized cost of $60,725 and $132,799 in 2024 and 2023, respectively, allowance for credit losses of $0 in 2024 and 202359,956Â 129,392Â Accounts receivable, allowance for credit losses of $827 and $583 in 2024 and 2023, respectively143,359Â 114,164Â Unbilled revenue3,055Â 2,402Â Inventories157,527Â 162,285Â Prepaid expenses and other current assets63,376Â 68,099Â Total current assets613,367Â 678,997Â Non-current investments, amortized cost of $345,033 and $250,790 in 2024 and 2023, respectively, allowance for credit losses of $0 in 2024 and 2023340,898Â 244,230Â Property, plant, and equipment, net98,445Â 105,849Â Operating lease assets67,326Â 75,115Â Goodwill384,937Â 393,181Â Intangible assets, net90,684Â 112,952Â Deferred income taxes392,166Â 400,400Â Other assets5,027Â 7,088Â Total assets$1,992,850Â $2,017,812Â LIABILITIES AND SHAREHOLDERSâ€™ EQUITYCurrent liabilities:Accounts payable$38,046Â $21,454Â Accrued expenses71,760Â 72,374Â Accrued income taxes25,685Â 16,907Â Deferred revenue and customer deposits25,035Â 31,525Â Operating lease liabilities8,854Â 9,624Â Total current liabilities169,380Â 151,884Â Non-current operating lease liabilities61,363Â 68,977Â Deferred income taxes217,155Â 246,877Â Reserve for income taxes26,365Â 26,685Â Non-current accrued income taxesâ€”Â 18,338Â Other liabilities1,082Â 299Â Total liabilities475,345Â 513,060Â Commitments and contingencies (Note 11)Shareholdersâ€™ equity:Preferred stock, $0.01 par value - Authorized: 400 shares in 2024 and 2023, respectively, no shares issued and outstandingâ€”Â â€”Â Common stock, $0.002 par value â€“ Authorized: 300,000 shares in 2024 and 2023, respectively, issued and outstanding: 170,434 and 171,599 shares in 2024 and 2023, respectively341Â 343Â Additional paid-in capital1,090,638Â 1,037,202Â Retained earnings499,303Â 512,543Â Accumulated other comprehensive loss, net of tax(72,777)(45,336)Total shareholdersâ€™ equity1,517,505Â 1,504,752Â Total liabilities and shareholders' equity$1,992,850Â $2,017,812Â The accompanying notes are an integral part of these consolidated financial statements.32Table of ContentCOGNEX CORPORATION â€“ CONSOLIDATED STATEMENTS OF CASH FLOWSÂ Â Year Ended DecemberÂ 31,202420232022Â (In thousands)Cash flows from operating activities:Net income$106,171Â $113,234Â $215,525Â Adjustments to reconcile net income to net cash provided by operating activities:Stock-based compensation expense52,443Â 54,768Â 54,505Â Depreciation of property, plant, and equipment21,271Â 17,270Â 16,347Â Loss (gain) on disposal of property, plant, and equipment88Â 229Â 19Â Amortization of intangible assets11,418Â 4,610Â 3,274Â Non-cash impact of charges related to fire (Note 22)â€”Â â€”Â 46,372Â Excess and obsolete inventory charges2,505Â 3,775Â 3,084Â Fair value adjustment on acquired inventories (Note 21)1,224Â 2,829Â â€”Â Amortization of discounts or premiums on investments306Â 1,745Â 4,968Â Realized (gain) loss on sale of investments8Â 1,954Â 182Â Change in deferred income taxes(21,507)(19,779)(27,338)Changes in operating assets and liabilities:Accounts receivable(32,128)23,346Â 3,454Â Unbilled revenue(693)(255)1,806Â Inventories(1,253)(22,591)(48,934)Prepaid expenses and other current assets1,514Â 2,469Â (6,998)Accounts payable18,352Â (13,744)(17,277)Accrued expenses2,916Â (35,309)2,056Â Accrued income taxes(9,278)(16,745)(444)Deferred revenue and customer deposits(6,216)(9,122)4,886Â Other1,940Â 4,232Â (12,081)Net cash provided by operating activities149,081Â 112,916Â 243,406Â Cash flows from investing activities:Purchases of investments(850,852)(184,056)(233,720)Maturities and sales of investments828,370Â 496,462Â 253,983Â Purchases of property, plant, and equipment(15,043)(23,077)(19,667)Net payments related to business acquisitions (Note 21)(1,444)(257,056)(5,050)Net cash provided by (used in) investing activities(38,969)32,273Â (4,454)Cash flows from financing activities:Net payments from issuance of common stock under stock plans994Â 3,268Â 9,861Â Repurchase of common stock(67,085)(79,794)(204,314)Payment of dividends(52,329)(49,079)(45,921)Net cash used in financing activities(118,420)(125,605)(240,374)Effect of foreign exchange rate changes on cash and cash equivalents(8,253)1,697Â (3,365)Net change in cash and cash equivalents(16,561)21,281Â (4,787)Cash and cash equivalents

at beginning of year202,655Â 181,374Â 186,161Â Cash and cash equivalents at end of year$186,094Â $202,655Â $181,374Â The accompanying notes are an integral part of these consolidated financial statements.33Table of ContentCOGNEX CORPORATION â€“ CONSOLIDATED STATEMENTS OF SHAREHOLDERSâ€™ EQUITYÂ Â Common StockAdditionalPaid-inCapitalRetainedEarningsAccumulatedOtherComprehensiveLossTotalShareholdersâ€™Equity(In thousands)SharesParÂ ValueBalance as of December 31, 2021175,481Â $351Â $914,802Â $562,882Â $(47,942)$1,430,093Â Net issuance of common stock under stock plans514Â 1Â 9,860Â â€”Â â€”Â 9,861Â Repurchase of common stock(3,364)(7)â€”Â (204,307)â€”Â (204,314)Stock-based compensation expenseâ€”Â â€”Â 54,505Â â€”Â â€”Â 54,505Â Payment of dividends ($0.265 per common shareâ€”Â â€”Â â€”Â (45,921)â€”Â (45,921)Net incomeâ€”Â â€”Â â€”Â 215,525Â â€”Â 215,525Â Net unrealized gain (loss) on available-for-sale investments, net of tax of ($5,943)â€”Â â€”Â â€”Â â€”Â (17,152)(17,152)Reclassification of net realized (gain) loss on the sale of available-for-sale investmentsâ€”Â â€”Â â€”Â â€”Â 182Â 182Â Foreign currency translation adjustmentâ€”Â â€”Â â€”Â â€”Â (4,385)(4,385)Balance as of December 31, 2022172,631Â $345Â $979,167Â $528,179Â $(69,297)$1,438,394Â Net issuance of common stock under stock plans691Â 1Â 3,267Â â€”Â â€”Â 3,268Â Repurchase of common stock(1,723)(3)â€”Â (79,791)â€”Â (79,794)Stock-based compensation expenseâ€”Â â€”Â 54,768Â â€”Â â€”Â 54,768Â Payment of dividends ($0.286 per common shareâ€”Â â€”Â â€”Â (49,079)â€”Â (49,079)Net incomeâ€”Â â€”Â â€”Â 113,234Â â€”Â 113,234Â Net unrealized gain (loss) on available-for-sale investments, net of tax of $4,389â€”Â â€”Â â€”Â â€”Â 10,507Â 10,507Â Reclassification of net realized (gain) loss on the sale of available-for-sale investmentsâ€”Â â€”Â â€”Â â€”Â 1,954Â 1,954Â Foreign currency translation adjustmentâ€”Â â€”Â â€”Â â€”Â 11,500Â 11,500Â Balance as of December 31, 2023171,599Â $343Â $1,037,202Â $512,543Â $(45,336)$1,504,752Â Net issuance of common stock under stock plans546Â 1Â 993Â â€”Â â€”Â 994Â Repurchase of common stock(1,711)(3)â€”Â (67,082)â€”Â (67,085)Stock-based compensation expenseâ€”Â â€”Â 52,443Â â€”Â â€”Â 52,443Â Payment of dividends ($0.305 per common shareâ€”Â â€”Â â€”Â (52,329)â€”Â (52,329)Net incomeâ€”Â â€”Â â€”Â 106,171Â â€”Â 106,171Â Net unrealized gain (loss) on available-for-sale investments, net of tax of $1,245â€”Â â€”Â â€”Â â€”Â 3,809Â 3,809Â Reclassification of net realized (gain) loss on the sale of available-for-sale investmentsâ€”Â â€”Â â€”Â â€”Â 8Â 8Â Foreign currency translation adjustmentâ€”Â â€”Â â€”Â â€”Â (31,258)(31,258)Balance as of December 31, 2024170,434Â $341Â $1,090,638Â $499,303Â $(72,777)$1,517,505Â The accompanying notes are an integral part of these consolidated financial statements.34Table of ContentsCOGNEX CORPORATION - NOTES TO CONSOLIDATED FINANCIAL STATEMENTSNOTE 1:Â Summary of Significant Accounting PoliciesThe accompanying consolidated financial statements reflect the application of the significant accounting policies described below.Nature of OperationsCognex Corporation ("the Company" or "Cognex") is a leading global provider of machine vision products and solutions that improve efficiency and quality and address some of the most critical manufacturing and distribution challenges.Use of Estimates in the Preparation of Financial StatementsThe preparation of financial statements in conformity with accounting principles generally accepted in the United States of America (U.S.Â GAAP) requires management to make estimates and judgments that affect the reported amounts of assets and liabilities and the disclosure of contingent liabilities as of the balance sheet date, and the reported amounts of revenues and expenses during the year. Actual results could differ from those estimates. Significant estimates and judgments include those related to revenue recognition and income taxes.Basis of ConsolidationThe consolidated financial statements include the accounts of Cognex Corporation and its subsidiaries, all of which are wholly owned. All intercompany accounts and transactions have been eliminated.Foreign Currency TranslationThe financial statements of the Companyâ€™s foreign subsidiaries, where the local currency is the functional currency, are translated using exchange rates in effect at the end of the year for assets and liabilities and average exchange rates during the year for results of operations. The resulting foreign currency translation adjustment, net of tax, is included in shareholdersâ€™ equity as accumulated other comprehensive loss.Fair Value MeasurementsThe Company applies a three-level valuation hierarchy for fair value measurements. The categorization of assets and liabilities within the valuation hierarchy is based on the lowest level of input that is significant to the measurement of fair value. LevelÂ 1 inputs to the valuation methodology utilize unadjusted quoted market prices in active markets for identical assets and liabilities. Level 2 inputs to the valuation methodology are other observable inputs, including quoted market prices for similar assets and liabilities, quoted prices for identical and similar assets and liabilities in markets that are not active, or other inputs that are observable or can be corroborated by observable market data. Level 3 inputs to the valuation methodology are unobservable inputs based on managementâ€™s best estimate of the inputs that market participants would use in pricing the asset or liability at the measurement date, including assumptions about risk. A change to the level of an asset or liability within the fair value hierarchy is determined at the end of a reporting period.Cash, Cash Equivalents, and InvestmentsMoney market instruments, as well as debt securities with original maturities of three months or less, are classified as cash equivalents and are stated at amortized cost. Debt securities with original maturities greater than three months and remaining maturities of one year or less are classified as current investments. Debt securities with remaining maturities greater than one year are classified as non-current investments. In July 2023, the Companyâ€™s investment policy was modified to reduce effective maturities of newly purchased securities to up to five years. As of December 31, 2024, the Company held investments with maturities in excess of the five-year limit that were approved as pre-existing exceptions to the new policy. Debt securities with original maturities greater than three months are designated as available-for-sale and are reported at fair value, with unrealized gains and losses, net of tax, included in shareholdersâ€™ equity as accumulated other comprehensive loss. Realized gains and losses are calculated using the specific identification method. Realized gains and losses, interest income, and the amortization of the discount or premium on debt securities arising at acquisition, are included in "Investment income" on the Consolidated Statements of Operations. Management monitors its debt securities to determine whether a loss exists related to the credit quality of the issuer. If the present value of the cash flows expected to be collected from the security is less than the amortized cost basis of the security, then a credit loss exists and an allowance against the security for credit losses is recorded. The allowance is limited to the amount by which fair value is below amortized cost, recognizing that the investment could 35Table of ContentsCOGNEX CORPORATION - NOTES TO CONSOLIDATED FINANCIAL STATEMENTSbe sold at fair value. Credit losses continue to be remeasured in subsequent reporting periods. Credit losses and recoveries related to debt securities are included in â€œOther income (expense)â€ on the Consolidated Statements of Operations. When developing an estimate of expected credit losses, management considers all relevant information including historical experience, current conditions, and reasonable forecasts of expected future cash flows.Accounts ReceivableThe Company extends credit with various payment terms to customers based on an evaluation of their financial condition. Accounts that are outstanding longer than the payment terms are considered to be past due. The Company establishes an allowance against accounts receivable for credit losses when it determines receivables are at risk for collection based on the length of time the receivable has been outstanding, the customerâ€™s current ability to pay its obligations to the Company, and general economic and industry conditions, as well as various other factors. Receivables are written off against this allowance in the period they are determined to be uncollectible and payments subsequently received on previously written-off receivables are recorded as a recovery of the credit loss. Credit losses and recoveries related to accounts receivable are included in "Selling, general, and administrative expenses" on the Consolidated Statements of Operations.InventoriesInventories are stated at the lower of cost and net realizable value. Cost is determined using standard costs, which approximates actual costs under the first-in, first-out (FIFO) method. Net realizable value is the estimated selling price in the ordinary course of business, less reasonably predictable costs of completion, disposal, and transportation.Purchase price variances are incurred when actual costs are different than standard costs due to favorable or unfavorable market prices. Management applies judgment to recognize purchase price variances in the same period that the associated standard costs of the finished goods that consume these components are sold.The Companyâ€™s inventory is subject to technological change or obsolescence. The Company reviews inventory quantities on hand and estimates excess and obsolescence exposures based on assumptions about future demand, product transitions, general economic and industry conditions, and other circumstances, and records reserves to reduce the carrying value of inventories to their net realizable value. If actual future demand is less than estimated, additional inventory write-downs would be required.The Company generally disposes of obsolete inventory upon determination of obsolescence. The Company does not dispose of excess inventory immediately, due to the possibility that some of this inventory could be sold to customers as a result of differences between actual and forecasted demand. When inventory has been written down below cost, such reduced amount is considered the new cost basis for subsequent accounting purposes. As a result, the Company could recognize a higher-than-normal gross margin if the reserved inventory were subsequently sold.In accordance with the accounting principles applied in business combinations, acquired inventories are recorded at fair value on the acquisition date. This valuation policy typically results in the write-up of inventories above the acquired companyâ€™s pre-acquisition carrying value, which results in a lower-than-normal gross margin when these acquired inventories are sold.Property, Plant, and EquipmentProperty, plant, and equipment are stated at cost and depreciated using the straight-line method over the assetsâ€™ estimated useful lives. Buildingsâ€™ original useful lives are 39 years, building improvementsâ€™ useful lives range from five to ten years, and the useful lives of computer hardware and software, manufacturing test equipment, and furniture and fixtures range from two to ten years. Land that is leased or granted, as well as leasehold improvements, are depreciated over the shorter of the estimated useful lives or the remaining terms of the leases. Maintenance and repairs are expensed when incurred; additions and improvements are capitalized. Upon retirement or disposition, the cost and related accumulated depreciation of the disposed assets are removed from the accounts, with any resulting gain or loss included in current operations.In accordance with the accounting principles applied in business combinations, acquired property, plant, and equipment are recorded at fair value on the acquisition date. This valuation policy typically results in the write-up of property, plant, and equipment above the acquired companyâ€™s pre-acquisition carrying value, which results in a higher depreciation expense over the estimated lives of the assets.36Table of ContentsCOGNEX CORPORATION - NOTES TO CONSOLIDATED FINANCIAL STATEMENTSInternal-use SoftwareInternal-use software is software acquired, internally developed, or modified solely to meet the Company's internal needs, and during the software's development no substantive plan exists to sell the software. The accounting treatment for computer software developed for internal use depends on the nature of activities performed at each stage of development. The preliminary project stage includes conceptual formulation of design alternatives, determination of system requirements, vendor demonstrations, and final selection of vendors, and during this stage costs are expensed as incurred. The application development stage includes software configuration, coding, hardware installation, and testing. During this stage, certain costs are capitalized, including external direct costs of materials and services, as well as payroll and payroll-related costs for employees who are directly associated with the project, while certain costs are expensed as incurred, including training and data conversion costs. The post-implementation stage includes support and maintenance, and during this stage costs are expensed as incurred.Capitalization begins when both the preliminary project stage is completed and management commits to funding the project. Capitalization ceases at the point the project is substantially complete and ready for its intended use, that is, after all substantial testing is completed. Costs of specified upgrades and enhancements to internal-use software are capitalized if it is probable that those expenditures result in additional functionality. Capitalized costs are amortized on a straight-line basis over the estimated useful life.LeasesAt inception of a contract, the Company determines whether that contract is or contains a lease by assessing whether there is an identified asset and whether the contract conveys the right to control the use of the identified asset for a period of time in exchange for consideration. The Company has control of the asset if it has the right to direct the use of the asset and obtains substantially all of the economic benefits from the use of the asset throughout the period of use.As a practical expedient, the Company does not recognize a lease asset or lease liability for leases with a lease term of twelve months or less. In the determination of the lease term, the Company considers the existence of extension or termination options and the probability of those options being exercised.Lease contracts may include fixed lease components and non-lease components, such as common area maintenance and utilities for property leases. As a practical expedient, the Company accounts for the non-lease components together with the lease components as a single lease component for all of its leases.The Company classifies a lease as a finance lease when it meets any of the following criteria at the lease commencement date: (1) the lease transfers ownership of the underlying asset to the Company by the end of the lease term; (2) the lease grants the Company an option to purchase the underlying asset that the Company is reasonably certain to exercise; (3) the lease term is for the major part of the remaining economic life of the underlying asset (the Company considers a major part to be 75% or more of the remaining economic life of the underlying asset); (4) the present value of the sum of the lease payments and any residual value guaranteed by the Company equals or exceeds substantially all of the fair value of the underlying asset (the Company considers substantially all the fair value to be 90% or more of the fair value of the underlying asset amount); or (5) the underlying asset is of such a specialized nature that it is expected to have no alternative use to the lessor at the end of the lease term. When none of the criteria above are met, the Company classifies the lease as an operating lease.On the lease commencement date, the Company records a lease asset and lease liability on the balance sheet. The lease asset consists of: (1) the amount of the initial lease liability; (2) any lease payments made to the lessor at or before the lease commencement date, minus any lease incentives received; and (3) any initial direct cost incurred by the Company. Initial direct costs are incremental costs of a lease that would not have been incurred if the lease had not been obtained and are capitalized as part of the lease asset. The lease liability equals the present value of the future cash payments discounted using the Company's incremental borrowing rate. The Companyâ€™s incremental borrowing rate is the rate of interest that the Company would have to pay to borrow an amount equal to the lease payments over a similar term which was estimated using the Secured Overnight Financing Rate (SOFR) plus a 2% credit risk spread.Operating lease expense equals the total cash payments recognized on a straight-line basis over the lease term. The amortization of the lease asset is calculated as the straight-line lease expense less the accretion of the interest on the lease liability each period. The lease liability is reduced by the cash payment less the interest each period.GoodwillGoodwill is stated at cost. The Company evaluates the potential impairment of goodwill annually each fourth quarter 37Table of ContentsCOGNEX CORPORATION - NOTES TO CONSOLIDATED FINANCIAL STATEMENTSand whenever events or circumstances indicate the carrying value of the goodwill may not be recoverable. The Company performs a qualitative assessment of goodwill to determine whether further impairment testing is necessary. Factors that management considers in this assessment include general economic and industry conditions, overall financial performance (both current and projected), changes in strategy, changes in the composition or carrying amount of net assets, and market capitalization. If this qualitative assessment indicates that it is more likely than not that the fair value of a reporting unit is less than its carrying value, the Company proceeds to perform a quantitative impairment test. Under this quantitative analysis, the fair value of the reporting unit is compared with its carrying value, including goodwill. If the carrying value exceeds the fair value of the reporting unit, the Company recognizes an impairment charge. The Company estimates the fair value of its reporting unit using the income approach based on a discounted cash flow model. In addition, the Company uses the market approach, which compares the reporting unit to publicly traded companies and transactions involving similar businesses, to support the conclusions based on the income approach. Intangible AssetsIntangible assets are stated at cost and amortized over the assetsâ€™ estimated useful lives. Intangible assets are either amortized in relation to the relative cash flows anticipated from the intangible asset or using the straight-line method, depending on facts and circumstances. The useful lives of customer relationships range from five to fifteen years, completed technologies from five to nine years, non-compete agreements from six to seven years, and trademarks for three years. In-process technology is an indefinite-lived intangible asset until the technology is completed, at which point it is amortized over its estimated useful life. The Company evaluates the potential impairment of intangible assets whenever events or circumstances indicate the carrying value of the assets may not be recoverable. For finite-lived intangible assets that are subject to amortization, the Company follows a two-step process for impairment testing. In step one, known as the recoverability test, the carrying value of the asset is compared to the sum of the undiscounted cash flows expected to result from the use and eventual disposition of the asset. If the sum of the undiscounted future cash flows is less than the carrying value, the asset is not recoverable and step two is performed. In step two, the impairment charge is measured as the amount by which the carrying value of the asset exceeds its fair value.Warranty ObligationsThe Company warrants its products to be free from defects in material and workmanship for periods primarily ranging from one to three years from the time of sale based on the product being purchased and the terms of the customer arrangement. Warranty obligations are evaluated and recorded at the time of sale since it is probable that customers will make claims under warranties related to products that have been sold and the amount of these claims can be reasonably estimated based on historical costs to fulfill claims. Obligations may also be recorded subsequent to the time of sale whenever specific events or circumstances impacting product quality become known that would not have been taken into account using historical data.ContingenciesLoss contingencies are accrued if the loss is probable and the amount of the loss can be reasonably estimated. Legal costs associated with potential loss contingencies are expensed as incurred.Derivative InstrumentsDerivative instruments are recorded on the Consolidated Balance Sheets at fair value. Changes in the fair value of the Companyâ€™s economic hedges utilizing foreign currency forward contracts are included in "Foreign currency gain (loss)" on the Consolidated Statements of Operations. When the Company is engaged in more than one outstanding derivative contract with the same counterparty and also has a legally enforceable master netting agreement with that counterparty, the â€œnetâ€ mark-to-market exposure represents the netting of the positive and negative exposures with that

counterparty. The cash flows from derivative instruments are presented in the same category on the Consolidated Statements of Cash Flows as the category for the cash flows from the hedged item. Generally, this accounting policy election results in cash flows related to derivative instruments being classified as an operating activity on the Consolidated Statements of Cash Flows.Revenue RecognitionThe Company recognizes revenue in accordance with Accounting Standards Codification (ASC) 606, â€œRevenue from Contracts with Customers.â€ The core principle of ASC 606 is to recognize revenue in a manner that depicts the transfer of promised goods or services to customers in an amount that reflects the consideration to which the 38Table of ContentsCOGNEX CORPORATION - NOTES TO CONSOLIDATED FINANCIAL STATEMENTSCompany expects to be entitled in exchange for those goods or services. The framework in support of this core principle includes: (1) identifying the contract with the customer; (2) identifying the performance obligations in the contract; (3) determining the transaction price; (4) allocating the transaction price to the performance obligations; and (5) recognizing revenue when (or as) the performance obligations are satisfied. Identifying the Contract with the CustomerThe Company identifies contracts with customers as agreements that create enforceable rights and obligations, which typically take the form of customer contracts or purchase orders. The Company accounts for a contract when it has approval and commitment from both parties, the rights of the parties are identified, payment terms are identified, the contract has commercial substance, and collectability of consideration is probable.Identifying the Performance Obligations in the ContractThe Company identifies performance obligations as promises in contracts to transfer distinct goods or services. Standard products and services that the Company regularly sells separately, which customers can benefit from either on their own or with other readily available resources and are distinct within the context of the customer contract, are accounted for as distinct performance obligations. Application-specific customer solutions that are comprised of a combination of products and services are accounted for as one performance obligation to deliver a total solution to the customer. On-site support services that are provided to the customer after the solution is deployed are accounted for as a separate performance obligation.Shipping and handling activities for which the Company is responsible under the terms and conditions of the sale are not accounted for as performance obligations but as fulfillment costs. These activities are required to fulfill the Companyâ€™s promise to transfer the goods and are expensed when revenue is recognized.The Company does not assess whether promised goods or services are performance obligations if they are immaterial in the context of the contract. If revenue is recognized before immaterial promises have been completed, then the costs related to such immaterial promises are accrued at the time of sale.Determining the Transaction PriceThe Company determines the transaction price as the amount of consideration it expects to receive in exchange for transferring promised goods or services to the customer. Amounts collected from customers for sales taxes are excluded from the transaction price. If a contract includes a variable amount, such as a rebate, then the Company estimates the transaction price using either the expected value or the most likely amount of consideration to be received, depending on the specific facts and circumstances. The Company includes estimated variable consideration in the transaction price only to the extent it is probable that a significant reversal of revenue will not occur when the uncertainty is resolved. The Company updates its estimate of variable consideration at the end of each reporting period to reflect changes in facts and circumstances.The Company records revenue net of estimated returns. As a practical expedient, the Company estimates the transaction price using the expected value based on its history of return experience using a portfolio approach in which the Companyâ€™s total revenue is reduced by an estimate of total customer returns. Management reasonably expects that the effect of applying a portfolio approach to a group of contracts would not differ materially from considering each contract separately.Allocating the Transaction Price to the Performance ObligationsThe Company allocates the transaction price to each performance obligation at contract inception based on a relative stand-alone selling price basis, or the price at which the Company would sell the good or service separately to similar customers in similar circumstances.Recognizing Revenue When (or As) the Performance Obligations are SatisfiedThe Company recognizes revenue when it transfers the promised goods or services to the customer. Revenue for standard products is recognized at the point in time when the customer obtains control of the goods, which is typically upon shipment or delivery when the customer has legal title, physical possession, the risks and rewards of ownership, and an enforceable obligation to pay for the products. Revenue for services, which are not material, is typically recognized over the time the service is provided. Revenue for application-specific customer solutions is recognized at the point in time when the solution is validated, which is the point in time when the Company can reasonably determine that the agreed-upon specifications in the contract have been met and the customer should reasonably accept the performance obligations in the 39Table of ContentsCOGNEX CORPORATION - NOTES TO CONSOLIDATED FINANCIAL STATEMENTSarrangement. Although the customer may have taken legal title and physical possession of the goods when they arrived at the customerâ€™s designated site, the significant risks and rewards of ownership transfer to the customer only upon validation. Revenue for on-site support services related to these solutions is recognized over the time the service is provided. In certain instances, an arrangement may include customer-specified acceptance provisions or performance guarantees that allow the customer to accept or reject delivered products that do not meet the customerâ€™s requirements. If the Company can reasonably determine that control of a good or service has been transferred to the customer in accordance with the agreed-upon requirements in the contract, then customer acceptance is a formality. If acceptance provisions are presumed to be substantive, then revenue is deferred until customer acceptance. For the Companyâ€™s standard products and services, revenue recognition and billing typically occur at the same time. For application-specific customer solutions, however, the agreement with the customer may provide for billing terms which differ from the timing of revenue recognition, resulting in either deferred revenue or unbilled revenue. Credit assessments are performed to determine payment terms, which vary by region, industry, and customer. Prepayment terms result in contract liabilities for customer deposits. When credit is granted to customers, payment is typically due 30 to 90 days from billing. The Company's contracts typically have an original expected duration of less than one year, and therefore as a practical expedient, the Company has elected to ignore the impact of the time value of money on such contracts and to expense sales commissions. The Company recognizes an asset for costs to fulfill a contract if the costs relate directly to the contract and to future performance, and the costs are expected to be recovered. Management exercises judgment when determining the amount of revenue to be recognized each period. Such judgments include, but are not limited to, assessing the customerâ€™s ability and intention to pay substantially all of the contract consideration when due, determining when two or more contracts should be combined and accounted for as a single contract, determining whether a contract modification has occurred, assessing whether promises are immaterial in the context of the contract, determining whether material promises in a contract represent distinct performance obligations, estimating the transaction price for a contract that contains variable consideration, determining the stand-alone selling price of each performance obligation, determining whether control is transferred over time or at a point in time for performance obligations, and assessing whether formal customer acceptance provisions are substantive.Research and DevelopmentResearch and development costs primarily include costs related to personnel, prototyping materials and equipment, and outside services. Research and development costs are expensed when incurred until technological feasibility has been established for the product. Thereafter, all software costs may be capitalized until the product is available for general release to customers. The Company determines technological feasibility at the time the product reaches beta in its stage of development. Historically, the time incurred between beta and general release to customers has been short, and therefore, the costs have been insignificant. Advertising CostsAdvertising costs are expensed as incurred and totaled $1,286,000 in 2024, $1,190,000 in 2023, and $1,257,000 in 2022.Stock-Based CompensationThe Companyâ€™s stock-based awards that result in compensation expense consist of stock options and restricted stock units ("RSUs"), including performance restricted stock units ("PRSUs"). The Company has reserved a specific number of shares of its authorized but unissued shares for issuance upon the exercise of stock options or the settlement of RSUs. When a stock option is exercised or an RSU is settled, the Company issues new shares from this pool. Management is responsible for determining the appropriate valuation model and estimating the fair value of stock-based awards, and in doing so, considers a number of factors, including information provided by an outside valuation advisor and the observable market price of the Company's common stock on the grant date. The fair value of RSUs is determined based on the observable market price of the Company's common stock on the grant date less the present value of expected future dividends. The fair value of PRSUs where the performance goal includes service and market conditions is calculated using a Monte Carlo simulation model to estimate the probability of satisfying the service and market conditions stipulated in the award grant. When determining the grant-date fair value of stock-based awards, management further considers whether an adjustment is required to the observable 40Table of ContentsCOGNEX CORPORATION - NOTES TO CONSOLIDATED FINANCIAL STATEMENTSmarket price or volatility of the Company's common stock that is used in the valuation as a result of material non-public information if that information is expected to result in a material increase in share price.The Company recognizes compensation expense related to stock-based awards using the graded attribution method, in which expense is recognized on a straight-line basis over the service period for each separately vesting portion of the stock option or RSU as if the award was, in substance, multiple awards. The amount of compensation expense recognized at the end of the vesting period is based on the number of awards for which the requisite service has been completed. No compensation expense is recognized for awards that are forfeited for which the employee does not render the requisite service. The term â€œforfeituresâ€ is distinct from â€œexpirationsâ€ and represents only the unvested portion of the surrendered award. The Company applies estimated forfeiture rates to its unvested awards to arrive at the amount of compensation expense that is expected to be recognized over the requisite service period. At the end of each separately vesting portion of an award, the expense that was recognized by applying the estimated forfeiture rate is compared to the expense that should be recognized based on the employeeâ€™s service, and an increase or decrease to compensation expense is recorded to true up the final expense.TaxesThe Company recognizes a tax position in its financial statements when that tax position, based solely upon its technical merits, is more likely than not to be sustained upon examination by the relevant taxing authority. Those tax positions failing to qualify for initial recognition are recognized in the first interim period in which they meet the more likely than not standard, are resolved through negotiation or litigation with the taxing authority, or upon expiration of the statutes of limitations. Derecognition of a tax position that was previously recognized occurs when an entity subsequently determines that a tax position no longer meets the more likely than not threshold of being sustained.The portion of the liability that is expected to be paid within one year is classified as a current liability. As a result, liabilities expected to be resolved without the payment of cash (e.g., resolution due to the expiration of the statutes of limitations) or are not expected to be paid within one year are classified as a non-current liability. It is the Companyâ€™s policy to record estimated interest and penalties as income tax expense and tax credits as a reduction in income tax expense.Deferred tax assets and liabilities are determined based on the differences between the financial statement and tax bases of assets and liabilities as measured by the enacted tax rates that will be in effect when these differences reverse. Valuation allowances are provided if, based on the weight of available evidence, it is more likely than not that some or all of the deferred tax assets will not be realized. The Company accounts for the impact of Global Intangible Low-Taxed Income (GILTI) tax in deferred taxes. Sales tax in the United States and similar taxes in other jurisdictions that are collected from customers and remitted to government authorities are presented on a gross basis (i.e., a receivable from the customer with a corresponding payable to the government). Amounts collected from customers and retained by the Company during tax holidays are recognized as non-operating income when earned.Net Income Per ShareBasic net income per share is computed by dividing net income available to common shareholders by the weighted-average number of common shares outstanding for the period. Diluted net income per share is computed by dividing net income available to common shareholders by the weighted-average number of common shares outstanding for the period plus potential dilutive common shares. Dilutive common equivalent shares consist of stock options and restricted stock units and are calculated using the treasury stock method. Common equivalent shares do not qualify as participating securities. In periods where the Company records a net loss, potential common stock equivalents are not included in the calculation of diluted net loss per share as their effect would be anti-dilutive.Comprehensive IncomeComprehensive income is defined as the change in equity of a company during a period from transactions and other events and circumstances, excluding transactions resulting from investments by owners and distributions to owners. Accumulated other comprehensive loss, net of tax, consists of foreign currency translation adjustment losses of $67,808,000 and $36,550,000, as of December 31, 2024 and December 31, 2023, respectively; net unrealized losses on available-for-sale investments of $3,698,000 and $7,515,000 as of December 31, 2024 and December 31, 2023, respectively; and losses on currency swaps, net of gains on long-term intercompany loans of $1,271,000 at each year end.41Table of ContentsCOGNEX CORPORATION - NOTES TO CONSOLIDATED FINANCIAL STATEMENTSConcentrations of RiskFinancial instruments that potentially subject the Company to concentrations of credit risk consist primarily of cash, cash equivalents, investments, and accounts receivable. The Company has certain domestic and foreign cash balances that exceed the insured limits set by the Federal Deposit Insurance Corporation (FDIC) in the United States and equivalent regulatory agencies in foreign countries. The Company primarily invests in investment-grade debt securities and has established guidelines relative to credit ratings, diversification, and maturities of its debt securities that maintain liquidity and safety. The Company has historically not experienced any significant realized losses on its debt securities. The Company performs ongoing credit evaluations of its customers and maintains allowances for potential credit losses. The Company has historically not experienced any significant losses related to the collection of its accounts receivable.A significant portion of the Company's products is presently manufactured by a third-party contractor located in Indonesia. This contract manufacturer has agreed to provide the Company with termination notification periods and last-time-buy rights, if and when that may be applicable. Certain key electronic and mechanical components, such as integrated circuit chips, are fundamental to the design of Cognex products. Due to the impact of global supply chain challenges or other factors, we have experienced, and may continue to experience, disruptions to the supply of components for our products that have resulted, and may continue to result, in higher purchase costs, delivery costs, and manufacturing delays.The Company sources components from preferred vendors that are selected based on price and performance considerations. In the event of a supply disruption from a preferred vendor, these components may typically be purchased from alternative vendors, which may result in higher purchase costs and manufacturing delays based on the time required to identify and obtain sufficient quantities from an alternative source. Certain of the Companyâ€™s products utilize components that are available from only one source. If we are unable to secure adequate supply from these sources, we may have to redesign our products, which may lead to higher costs, delays in manufacturing, and possible loss of sales.Business CombinationsThe Company determines whether a transaction qualifies as a business combination by applying the definition of a business, which requires the assets acquired and liabilities assumed to be inputs and processes that have the ability to contribute to the creation of outputs. The Company accounts for business combinations under the acquisition method of accounting, which requires the following steps: (1) identifying the acquirer, (2) determining the acquisition date, (3) recognizing and measuring the identifiable assets acquired and the liabilities assumed, and (4) recognizing and measuring goodwill. The Company measures the identifiable assets acquired and liabilities assumed at their estimated fair values as of the acquisition date. Management is responsible for determining the appropriate valuation model and estimated fair values, and in doing so, considers a number of factors, including information provided by an outside valuation advisor. Management bases the fair value of assets, including identifiable intangible assets acquired, on detailed valuations that use information and assumptions provided by management, which consider managementâ€™s best estimates of inputs and assumptions that a market participant would use. Goodwill is recognized as of the acquisition date as the excess of the consideration transferred over the net amount of assets acquired and liabilities assumed. Transaction costs are expensed as incurred. NOTE 2: New PronouncementsAccounting Standards Update (ASU) 2023-07, Segment Reporting (Topic 280): Improvements to Reportable Segment DisclosuresThe amendments in this ASU apply to all public entities, including public entities with a single reportable segment, that are required to report segment information in accordance with Topic 280, Segment Reporting. The amendments require public business entities to provide in interim and annual periods one or more measures of segment profit or loss used by the chief operating decision maker to allocate resources and assess performance. Additionally, the amendments require disclosure of significant segment expenses and other segment items, as well as incremental qualitative disclosures. The amendments in this ASU are effective for fiscal years beginning after December 15, 2023 and should be applied on a retrospective basis. The Company adopted ASU 2023-07 in 2024. Refer to Note 20 for related disclosures.42Table of ContentsCOGNEX CORPORATION - NOTES TO CONSOLIDATED FINANCIAL STATEMENTSAccounting Standards Update (ASU) 2023-09, Income Taxes (Topic 740): Improvements to Income Tax DisclosuresThe amendments in this ASU apply to all entities that are subject to Topic 740, Income Taxes. The amendments require public business entities to disclose specific categories in their rate reconciliation and provide additional information for reconciling items that meet a quantitative threshold. They also require all entities to disclose income taxes paid, net of refund received, disaggregated by federal, state, and foreign taxes and by individual jurisdictions in which income taxes paid, net of refunds received, is equal to or greater than five percent of total income taxes paid. For public business entities, the amendments in this ASU are effective for annual periods beginning after December 15, 2024. The amendments in this ASU should be applied on a prospective basis. Management does not expect ASU 2023-09 to have a material impact on the Company's financial statements and disclosures.Accounting Standards Update (ASU) 2024-03, Income Statementâ€”Reporting Comprehensive Incomeâ€”Expense Disaggregation Disclosures (Subtopic 220-40)ASU 2024-03 aims to enhance transparency for users of financial statements by requiring public business entities to disaggregate specific expense categories. ASU 2024-03 mandates disclosures in the notes to financial statements detailing the composition and trends of key expense categories

within major income statement captions. These enhanced disclosures are intended to help investors more effectively assess the entityâ€™s performance, understand its cost structure, and make more accurate forecasts of future cash flows. For public business entities, ASU 2024-03 is effective for annual periods beginning after December 15, 2026, and interim periods within annual reporting periods beginning after December 15, 2027. The adoption will result in disclosure changes only.NOTE 3:Â Fair Value MeasurementsFinancial Assets and Liabilities that are Measured at Fair Value on a Recurring BasisThe following table summarizes the financial assets and liabilities measured at fair value on a recurring basis as of DecemberÂ 31, 2024 (in thousands):QuotedÂ PricesÂ inActive Marketsfor IdenticalAssets (LevelÂ 1)SignificantÂ OtherObservableInputs (LevelÂ 2)Unobservable Inputs (Level 3)Assets:Money market instruments$15,242Â $â€”Â $â€”Â Corporate bondsâ€”Â 340,916Â â€”Â Treasury notesâ€”Â 45,634Â â€”Â Asset-backed securitiesâ€”Â 13,314Â â€”Â Sovereign bondsâ€”Â 990Â â€”Â Economic hedge forward contractsâ€”Â 324Â â€”Â Liabilities:Economic hedge forward contractsâ€”Â 211Â â€”Â The Companyâ€™s money market instruments are reported at fair value based on the daily market price for identical assets in active markets, and are therefore classified as Level 1. The Companyâ€™s debt securities and forward contracts are reported at fair value based on model-driven valuations in which all significant inputs are observable or can be derived from or corroborated by observable market data for substantially the full term of the asset or liability, and are therefore classified as Level 2. Management is responsible for estimating the fair value of these financial assets and liabilities, and in doing so, considers valuations provided by a large, third-party pricing service. For debt securities, this service maintains regular contact with market makers, brokers, dealers, and analysts to gather information on market movement, direction, trends, and other specific data. They use this information to structure yield curves for various types of debt securities and arrive at the daily valuations. The Company's forward contracts are typically traded or executed in over-the-counter markets with a high degree of pricing transparency. The market participants are generally large commercial banks.43Table of ContentsCOGNEX CORPORATION - NOTES TO CONSOLIDATED FINANCIAL STATEMENTSNon-financial Assets that are Measured at Fair Value on a Non-recurring BasisNon-financial assets, such as property, plant and equipment, operating lease assets, goodwill, and intangible assets, are required to be measured at fair value only when an impairment loss is recognized. The Company evaluates these long-lived assets for impairment whenever events or changes in circumstances, referred to as "triggering events," indicate the carrying value may not be recoverable. The Company did not record impairment charges related to non-financial assets in 2024, 2023, or 2022. NOTE 4:Â Cash, Cash Equivalents, and InvestmentsCash, cash equivalents, and investments consisted of the following (in thousands):Â DecemberÂ 31,Â 20242023Cash$170,852Â $183,242Â Money market instruments15,242Â 19,413Â Cash and cash equivalents186,094Â 202,655Â Corporate bonds55,742Â 124,851Â Treasury notes2,487Â â€”Â Sovereign bonds990Â 990Â Asset-backed securities737Â 3,551Â Current investments59,956Â 129,392Â Corporate bonds285,174Â 183,965Â Treasury notes43,147Â 43,523Â Asset-backed securities12,577Â 15,763Â Sovereign bondsâ€”Â 979Â Non-current investments340,898Â 244,230Â $586,948Â $576,277Â Corporate bonds consist of debt securities issued by both domestic and foreign companies; treasury notes consist of debt securities issued by the U.S. government; sovereign bonds consist of direct debt issued by foreign governments; and asset-backed securities consist of debt securities collateralized by pools of receivables or loans with credit enhancement. All of the Company's securities as of December 31, 2024 and 2023 were denominated in U.S. Dollars.The Companyâ€™s cash balance included foreign bank balances totaling $156,027,000 and $173,614,000 as of DecemberÂ 31, 2024 and 2023, respectively.Accrued interest receivable is included in "Prepaid expenses and other current assets" on the Consolidated Balance Sheets and amounted to $4,144,000 and $3,169,000 as of December 31, 2024 and 2023, respectively.The following table summarizes the Companyâ€™s available-for-sale investments as of DecemberÂ 31, 2024 (in thousands):AmortizedCostGrossUnrealizedGainsGrossUnrealizedLossesFair ValueCurrent:Corporate bonds$56,472Â $3Â (733)55,742Â Treasury notes2,501Â â€”Â (14)2,487Â Sovereign bonds1,013Â â€”Â (23)990Â Asset-backed securities739Â â€”Â (2)737Â Non-current:Corporate bonds288,332Â 408Â (3,566)285,174Â Treasury notes43,570Â 2Â (425)43,147Â Asset-backed securities13,131Â â€”Â (554)12,577Â $405,758Â $413Â $(5,317)$400,854Â 44Table of ContentsCOGNEX CORPORATION - NOTES TO CONSOLIDATED FINANCIAL STATEMENTSThe following table summarizes the Companyâ€™s available-for-sale investments as of DecemberÂ 31, 2023 (in thousands):AmortizedCostGrossUnrealizedGainsGrossUnrealizedLossesFair ValueCurrent:Corporate bonds$128,150Â $â€”Â $(3,299)$124,851Â Asset-backed securities3,637Â â€”Â (86)3,551Â Sovereign bonds1,012Â â€”Â (22)990Â Non-current:Corporate bonds189,326Â 506Â (5,867)183,965Â Treasury notes43,654Â 82Â (213)43,523Â Asset-backed securities16,773Â â€”Â (1,010)15,763Â Sovereign bonds1,037Â â€”Â (58)979Â $383,589Â $588Â $(10,555)$373,622Â The following table summarizes the Companyâ€™s gross unrealized losses and fair values for available-for-sale investments in an unrealized loss position as of DecemberÂ 31, 2024 (in thousands):Â Unrealized LossPosition For Less than12 MonthsUnrealized LossPosition For Greater than12 MonthsTotalÂ Fair ValueUnrealizedLossesFair ValueUnrealizedLossesFair ValueUnrealizedLossesCorporate bonds$172,049Â $(2,227)$87,815Â $(2,071)$259,864Â $(4,298)Treasury notes42,149Â (425)2,487Â (14)44,636Â (439)Asset-backed securities11,024Â (547)2,290Â (10)13,314Â (557)Sovereign bondsâ€”Â â€”Â 990Â (23)990Â (23)$225,222Â $(3,199)$93,582Â $(2,118)$318,804Â $(5,317)The following table summarizes the Companyâ€™s gross unrealized losses and fair values for available-for-sale investments in an unrealized loss position as of DecemberÂ 31, 2023 (in thousands):Â Unrealized LossPosition For Less than12 MonthsUnrealized LossPosition For Greater than12 MonthsTotalÂ Fair ValueUnrealizedLossesFair ValueUnrealizedLossesFair ValueUnrealizedLossesCorporate bonds$30,770Â (359)226,643Â $(8,807)$257,413Â $(9,166)Treasury notes20,725Â (153)2,441Â (60)23,166Â (213)Asset-backed securities17,062Â (1,049)2,252Â (47)19,314Â (1,096)Sovereign bondsâ€”Â â€”Â 1,968Â (80)1,968Â (80)$68,557Â $(1,561)$233,304Â $(8,994)$301,861Â $(10,555)Management monitors debt securities that are in an unrealized loss position to determine whether a loss exists related to the credit quality of the issuer. When developing an estimate of expected credit losses, management considers all relevant information including historical experience, current conditions, and reasonable forecasts of expected future cash flows. Based on this evaluation, no allowance for credit losses on debt securities was recorded as of December 31, 2024, 2023, or 2022. Management currently intends to hold these securities to full value recovery at maturity.45Table of ContentsCOGNEX CORPORATION - NOTES TO CONSOLIDATED FINANCIAL STATEMENTSThe following table summarizes the Company's gross realized gains and losses on the sale of debt securities (in thousands):Year Ended December 31,202420232022Gross realized gains$8Â $111Â $133Â Gross realized losses(16)(2,065)(315)Net realized gains (losses)(8)(1,954)$(182)Realized gains and losses are included in "Investment income" on the Consolidated Statements of Operations. Prior to the sale of these securities, unrealized gains and losses for these debt securities, net of tax, were recorded in shareholdersâ€™ equity as accumulated other comprehensive loss.The following table summarizes the effective maturity dates of the Companyâ€™s available-for-sale investments as of DecemberÂ 31, 2024 (in thousands):<1Â Year1-2Â Years2-3Â Years3-4Â Years4-5Â Years5-7Â YearsTotalCorporate bonds$55,742Â $62,324Â $92,207Â $68,029Â $62,614Â $â€”Â $340,916Â Treasury notes2,487Â 9,177Â 21,365Â 12,605Â â€”Â â€”Â 45,634Â Asset-backed securities737Â 5,911Â â€”Â 1,296Â 1,982Â 3,388Â 13,314Â Sovereign bonds990Â â€”Â â€”Â â€”Â â€”Â 990Â $59,956Â $77,412Â $113,572Â $81,930Â $64,596Â $3,388Â $400,854Â NOTE 5:Â InventoriesInventories consisted of the following (in thousands):Â Â DecemberÂ 31,Â 20242023Raw materials$86,917Â $93,201Â Work-in-process5,544Â 5,747Â Finished goods65,066Â 63,337Â $157,527Â $162,285Â NOTE 6:Â Property, Plant, and EquipmentProperty, plant, and equipment consisted of the following (in thousands):Â DecemberÂ 31,Â 20242023Land$8,711Â $8,805Â Buildings38,878Â 34,117Â Building improvements46,496Â 44,992Â Leasehold improvements21,642Â 19,611Â Computer hardware and software57,791Â 55,154Â Manufacturing test equipment45,523Â 36,182Â Furniture and fixtures6,468Â 7,361Â 225,509Â 206,222Â Less: accumulated depreciation(127,064)(100,373)$98,445Â $105,849Â The Company disposed of property, plant, and equipment with a cost basis of $9,580,000 and accumulated depreciation of $9,492,000 in 2024, resulting in a loss of $88,000. The Company disposed of property, plant, and equipment with a cost basis of $12,421,000 and accumulated depreciation of $12,184,000 in 2023, net of proceeds of $8,000, resulting in a loss of $229,000.46Table of ContentsCOGNEX CORPORATION - NOTES TO CONSOLIDATED FINANCIAL STATEMENTSNOTE 7:Â LeasesThe Company's leases are primarily leased properties across different worldwide locations where the Company conducts its business. All of these leases are classified as operating leases. Certain leases may contain options to extend or terminate the lease at the Company's sole discretion. As of December 31, 2024, there were no options to terminate and twenty options to extend that were accounted for in the determination of the lease term for the Company's outstanding leases. Certain leases contain leasehold improvement incentives, retirement obligations, escalating clauses, rent holidays, and variable payments tied to a consumer price index. There were no restrictions or covenants for the outstanding leases as of December 31, 2024. The Company did not have any leases that had not yet commenced but that created significant rights and/or obligations as of December 31, 2024.The total operating lease expense was $14,131,000 in 2024, $11,598,000 in 2023, and $8,939,000 in 2022. The total operating lease cash payments were $13,683,000 in 2024, $10,148,000 in 2023, and $8,548,000 in 2022. The total lease expense for leases with a term of twelve months or less for which the Company elected not to recognize a lease asset or lease liability was $407,000 in 2024, $427,000 in 2023, and $144,000 in 2022.Future operating lease cash payments are as follows (in thousands):Year Ended DecemberÂ 31,Amount 2025$12,534Â 202610,543Â 20279,496Â 20288,820Â 20298,242Â Thereafter43,657Â $93,292Â The discounted present value of the future lease cash payments resulted in a lease liability of $70,217,000 and $78,601,000 as of December 31, 2024 and 2023, respectively. The Company leases a building in Singapore that serves as a distribution center for customers in Asia. The lease contains two components: an 88,000 square-foot premises that had a commencement date in June of 2023 and a second 27,000 square-foot premises that does not commence until the fourth quarter of 2025. Accordingly, the second component of the lease has not yet been recorded on the Consolidated Balance Sheets, nor has it created any significant rights and obligations as of December 31, 2024. This second lease component has an original term of eight years and the Company has the right and option to extend this term by an additional five years, commencing upon the expiration of the original term. Future payment obligations associated with this lease component total $13,145,000, $160,000 of which is payable in 2025 and which reflects an estimated extension period of five years. Future payment obligations related to this lease component are not included in the future operating lease cash payments table above. The Company has entered into a lease for a 6,500 square-foot building in Aachen, Germany for a term of ten years. The commencement date for this lease is expected to be in the second quarter of 2025, and therefore it has not yet been recorded on the Consolidated Balance Sheets, nor has it created any significant rights and obligations as of December 31, 2024. The Company has the right and option to extend the term of this lease for an additional period of five years, commencing upon the expiration of the original term. Future payment obligations associated with this lease total $8,763,000, $483,000 of which is payable in 2025. Future payment obligations related to this lease are not included in the future operating lease cash payments table above.The weighted-average discount rate was 5.9% and 5.7% for the leases outstanding as of December 31, 2024 and December 31, 2023, respectively. The weighted-average remaining lease term was 9.9 years and 10.5 years for the leases outstanding as of December 31, 2024 and 2023, respectively.47Table of ContentsCOGNEX CORPORATION - NOTES TO CONSOLIDATED FINANCIAL STATEMENTSNOTE 8:Â GoodwillThe changes in the carrying value of goodwill were as follows (in thousands):AmountBalance as of December 31, 2022$242,630Â Acquisition of Moritex Corporation (refer to Note 21)145,047Â Foreign exchange rate changes5,504Â Balance as of December 31, 2023393,181Â Moritex Corporation measurement period adjustments (refer to Note 21)6,478Â Â Â Foreign exchange rate changes(14,722)Balance as of December 31, 2024$384,937Â For its 2024 annual analysis of goodwill, management elected to perform a qualitative assessment. Based on this assessment, management believes it is more likely than not that the fair value of the reporting unit exceeds its carrying value. The Company did not record impairment charges related to goodwill in 2024, 2023, or 2022.NOTE 9:Â Intangible AssetsIntangible assets consisted of the following (in thousands):GrossCarryingValueAccumulatedAmortizationNetCarryingValueCustomer relationships$67,781Â $(10,229)$57,552Â Completed technologies58,373Â (25,766)32,607Â Trademarks810Â (337)473Â Non-compete agreements340Â (288)52Â Balance as of December 31, 2024$127,304Â $(36,620)$90,684Â Â GrossCarryingValueAccumulatedAmortizationNetCarryingValueCustomer relationships$75,965Â $(5,352)$70,613Â Completed technologies62,123Â (20,745)41,378Â Trademarks903Â (50)853Â Non-compete agreements340Â (232)108Â Balance as of December 31, 2023$139,331Â $(26,379)$112,952Â The Company did not record impairment charges related to intangible assets in 2024, 2023, or 2022.Estimated amortization expense for each of the five succeeding fiscal years and thereafter is as follows (in thousands):Year Ended DecemberÂ 31,Amount2025$10,147Â 20269,775Â 20278,850Â 20288,120Â 20298,120Â Thereafter45,672Â $90,684Â 48Table of ContentsCOGNEX CORPORATION - NOTES TO CONSOLIDATED FINANCIAL STATEMENTSNOTE 10:Â Accrued ExpensesAccrued expenses consisted of the following (in thousands):Â DecemberÂ 31,20242023Incentive compensation$18,735Â $10,645Â Foreign retirement obligations10,445Â 12,835Â Warranty obligations5,140Â 4,244Â Salaries and payroll taxes5,123Â 8,774Â Vacation3,945Â 5,827Â Other28,372Â 30,049Â $71,760Â $72,374Â The changes in the warranty obligation were as follows (in thousands):Balance as of December 31, 2021$5,427Â Provisions for warranties issued during the period1,876Â Fulfillment of warranty obligations(2,928)Balance as of December 31, 20224,375Â Provisions for warranties issued during the period2,940Â Fulfillment of warranty obligations(3,078)Foreign exchange rate changes7Â Balance as of December 31, 20234,244Â Provisions for warranties issued during the period4,794Â Fulfillment of warranty obligations(3,883)Foreign exchange rate changes(15)Balance as of December 31, 2024$5,140Â NOTE 11:Â Commitments and ContingenciesAs of DecemberÂ 31, 2024, the Company had outstanding purchase orders totaling $44,269,000 to procure inventory from various vendors. Certain of these purchase orders may be canceled by the Company, subject to cancellation penalties. These purchase commitments relate primarily to expected sales in 2025.A significant portion of the Company's outstanding inventory purchase orders as of DecemberÂ 31, 2024, as well as additional preauthorized commitments to procure strategic components based on the Company's expected customer demand, are placed with the Company's primary contract manufacturer for the Company's assembled products. The Company purchased $17,461,000, $10,616,000, and $5,269,000 in 2024, 2023, and 2022, respectively, of inventories as a result of the Company's obligation to purchase any non-cancelable and non-returnable components that have been purchased by the contract manufacturer with the Company's preauthorization, when these components have not been consumed within the period defined in the terms of the Company's agreement with this contract manufacturer. While the Company typically expects such purchased components to be used in future production of Cognex finished goods, these components are considered in the Company's reserve estimate for excess and obsolete inventory. Furthermore, the Company accrues for losses on commitments for the future purchase of non-cancelable and non-returnable components from this contract manufacturer at the time that circumstances, such as changes in demand, indicate that the value of the components may not be recoverable, the loss is probable, and management has the ability to reasonably estimate the amount of the loss.Various claims and legal proceedings generally incidental to the normal course of business are pending or threatened on behalf of or against the Company. While we cannot predict the outcome of these matters, we believe that any liability arising from them will not have a material adverse effect on our financial position, liquidity, or results of operations.49Table of ContentsCOGNEX CORPORATION - NOTES TO CONSOLIDATED FINANCIAL STATEMENTSNOTE 12:Â Indemnification ProvisionsExcept as limited by Massachusetts law, the by-laws of the Company require it to indemnify certain current or former directors, officers, and employees of the Company against expenses incurred by them in connection with each proceeding in which he or she is involved as a result of serving or having served in certain capacities. Indemnification is not available with respect to a proceeding as to which it has been adjudicated that the person did not act in good faith in the reasonable belief that the action was in the best interests of the Company. The maximum potential amount of future payments the Company could be required to make under these provisions is unlimited. The Company has never incurred significant costs related to these indemnification provisions. As a result, the Company believes the estimated fair value of these provisions is not material.In the ordinary course of business, the Company may accept standard limited indemnification provisions in connection with the sale of its products, whereby it indemnifies its customers for certain direct damages incurred in connection with third-party patent or other intellectual property infringement claims with respect to the use of the Companyâ€™s products. The maximum potential amount of future payments the Company could be required to make under these provisions is, in many, but not all instances, subject to fixed monetary limits. The Company has never incurred significant costs to defend lawsuits or settle claims related to these indemnification provisions. As a result, the Company believes the estimated fair value of these provisions is not material.In the ordinary course of business, the Company also accepts limited indemnification provisions from time to time, whereby it indemnifies customers for certain direct damages incurred in connection with bodily injury and property damage arising from the use of the Companyâ€™s products. Future payments the Company could be required to make under these provisions is generally recoverable under the Companyâ€™s insurance policies. As a result of this coverage, and the fact that the Company has never incurred significant costs to defend lawsuits or settle claims related to these indemnification provisions, the Company believes the estimated fair value of these provisions is not material. NOTE 13:Â Derivative InstrumentsThe Companyâ€™s foreign currency risk management strategy is designed to mitigate the potential financial impact of changes in the value of transactions and balances denominated in foreign currencies resulting from changes in foreign currency exchange rates. The Company enters into economic hedges utilizing foreign currency

forward contracts with maturities that do not exceed approximately three months to manage the exposure to fluctuations in foreign currency exchange rates arising primarily from foreign-denominated receivables and payables. The gains and losses on these derivatives are intended to be offset by the changes in the fair value of the assets and liabilities being hedged. These economic hedges are not designated as hedging instruments for hedge accounting treatment. The Company had the following outstanding forward contracts (in thousands): December 31, 2024December 31, 2023CurrencyNotional ValueUSD EquivalentNotional ValueUSD EquivalentDerivatives Not Designated as Hedging Instruments:Singapore Dollar40,000Â $29,457Â 39,700Â $30,136Â Euro25,000Â 26,029Â 40,000Â 44,302Â Chinese Renminbi95,000Â 12,990Â 50,000Â 7,025Â Mexican Peso220,000Â 10,701Â 145,000Â 8,505Â Hungarian Forint2,360,000Â 5,951Â 2,240,000Â 6,466Â British Pound3,200Â 4,008Â 3,345Â 4,258Â Japanese Yen2,000,000Â 3,750Â 600,000Â 4,255Â Swiss Franc2,200Â 2,432Â â€”Â â€”Â Canadian Dollar2,000Â 1,390Â 1,470Â 1,112Â 50Table of ContentsCOGNEX CORPORATION - NOTES TO CONSOLIDATED FINANCIAL STATEMENTSInformation regarding the fair value of the outstanding forward contracts was as follows (in thousands):Â Asset DerivativesLiability DerivativesBalanceSheet LocationFair ValueBalanceSheet LocationFair ValueDecember 31, 2024December 31, 2023December 31, 2024December 31, 2023Derivatives Not Designated as Hedging Instruments:Economic hedge forward contractsPrepaid expenses and other current assets$324Â $151Â Accrued expenses$211Â $106Â The following table summarizes the gross activity for all derivative assets and liabilities which were presented on a net basis on the Consolidated Balance Sheets due to the right of offset with each counterparty (in thousands):Asset DerivativesLiability DerivativesDecember 31, 2024December 31, 2023December 31, 2024December 31, 2023Gross amounts of recognized assets$324Â $151Â Gross amounts of recognized liabilities$211Â $106Â Gross amounts offsetâ€”Â â€”Â Gross amounts offsetâ€”Â â€”Â Net amount of assets presented$324Â $151Â Net amount of liabilities presented$211Â $106Â Information regarding the effect of derivative instruments, net of the underlying exposure, on the consolidated financial statements was as follows (in thousands):Â Location in Financial StatementsYear Ended December 31,202420232022Derivatives Not Designated as Hedging Instruments:Gains (losses) recognized in current operationsForeign currency gain (loss)$1,945Â $(10,023)$9,823Â 51Table of ContentsCOGNEX CORPORATION - NOTES TO CONSOLIDATED FINANCIAL STATEMENTSNOTE 14: Revenue RecognitionThe following table summarizes disaggregated revenue information by geographic area based on the customer's country of domicile (in thousands):Year Ended December 31,202420232022Americas$350,155Â $330,415Â $390,573Â Europe217,880Â 220,665Â 234,643Â Greater China164,147Â 164,115Â 227,447Â Other Asia182,333Â 122,352Â 153,427Â $914,515Â $837,547Â $1,006,090Â The following table summarizes disaggregated revenue information by revenue type (in thousands):Year Ended December 31,202420232022Standard products and services$795,319Â $734,140Â $848,153Â Application-specific customer solutions119,196Â 103,407Â 157,937Â $914,515Â $837,547Â $1,006,090Â Costs to Fulfill a ContractCosts to fulfill a contract are included in "Prepaid expenses and other current assets" on the Consolidated Balance Sheets and amounted to $10,705,000 and $13,265,000 as of December 31, 2024 and 2023, respectively. The amount of amortization during 2024 related to costs deferred as of December 31, 2023 amounted to $12,512,000Accounts Receivable, Contract Assets, and Contract LiabilitiesAccounts receivable represent amounts billed and currently due from customers which are reported at their net estimated realizable value. The Company maintains an allowance against its accounts receivable for credit losses. Contract assets consist of unbilled revenue which arises when revenue is recognized in advance of billing primarily for certain application-specific customer solutions contracts. Contract liabilities consist of deferred revenue and customer deposits which arise when amounts are billed to or collected from customers in advance of revenue recognition.The following table summarizes changes in the allowance for credit losses (in thousands):AmountBalance as of December 31, 2022$730Â Increases to the allowance for credit losses500Â Write-offs, net of recoveries(645)Foreign exchange rate changes(2)Balance as of December 31, 2023583Â Increases to the allowance for credit losses459Â Write-offs, net of recoveries(222)Foreign exchange rate changes7Â Balance as of December 31, 2024$827Â 52Table of ContentsCOGNEX CORPORATION - NOTES TO CONSOLIDATED FINANCIAL STATEMENTSThe following table summarizes the deferred revenue and customer deposits activity (in thousands):AmountBalance as of December 31, 2022$40,787Â Deferral of revenue billed in the current period, net of recognition21,538Â Recognition of revenue deferred in prior period(20,987)Returned customer deposit(9,205)Foreign exchange rate changes(608)Balance as of December 31, 202331,525Â Deferral of revenue billed in the current period, net of recognition21,998Â Recognition of revenue deferred in prior period(28,108)Foreign exchange rate changes(380)Balance as of December 31, 2024$25,035Â As a practical expedient, the Company has elected not to disclose the aggregate amount of the transaction price allocated to unsatisfied performance obligations for contracts that have an original expected duration of less than one year. The remaining unsatisfied performance obligations for contracts that have an original expected duration of more than one year, primarily related to extended hardware warranties, are not material.NOTE 15:Â Shareholdersâ€™ EquityPreferred StockThe Company has 400,000 shares of authorized but unissued $.01 par value preferred stock.Common StockThe Company has 300,000,000 shares of authorized $.002 par value common stock.Each outstanding share of common stock entitles the record holder to one vote on all matters submitted to a vote of the Companyâ€™s shareholders. Common shareholders are also entitled to dividends when and if declared by the Companyâ€™s Board of Directors.Stock RepurchasesIn March 2020, the Company's Board of Directors authorized the repurchase of $200,000,000 of the Company's common stock. Under this March 2020 program, in addition to repurchases made in prior years, the Company repurchased 1,677,000 shares at a cost of $117,000,000 in 2022, which completed purchases under the March 2020 program. In March 2022, the Company's Board of Directors authorized the repurchase of an additional $500,000,000 of the Company's common stock. Under this March 2022 program, the Company repurchased 1,682,000 shares at a cost of $87,314,000 in 2022, 1,723,000 shares at a cost of $79,794,000 in 2023, and 1,711,000 shares at a cost of $67,085,000 in 2024, leaving a remaining balance of $265,807,000 as of December 31, 2024. The 2023 repurchase included $446,000 of buyback Excise Tax in accordance with the Inflation Reduction Act of 2022.The Company may repurchase shares under this program in future periods depending on a variety of factors, including, among other things, the impact of dilution from employee stock awards, stock price, share availability, and cash requirements. The Company is authorized to make repurchases of its common stock through open market purchases, pursuant to Rule 10b5-1 trading plans, or in privately negotiated transactions.DividendsThe Companyâ€™s Board of Directors declared and paid cash dividends of $0.065 per share in the first, second, and third quarters of 2022, $0.070 per share in the fourth quarter of 2022 and in the first, second, and third quarters of 2023, and $0.075 per share in the fourth quarter of 2023 and in the first, second, and third quarters of 2024. The dividend was increased to $0.080 per share in the fourth quarter of 2024. Future dividends will be declared at the discretion of the Company's Board of Directors and will depend on such factors as the Board deems relevant, including, among other things, the Company's ability to generate positive cash flow from operations.53Table of ContentsCOGNEX CORPORATION - NOTES TO CONSOLIDATED FINANCIAL STATEMENTSNOTE 16:Â Stock-Based CompensationStock PlansThe Companyâ€™s stock-based awards that result in compensation expense consist of stock options, restricted stock units ("RSUs"), and performance restricted stock units ("PRSUs"). In May 2023, the shareholders of the Company approved the Cognex Corporation 2023 Stock Option and Incentive Plan (the â€œ2023 Planâ€). The 2023 Plan permits awards of stock options (both incentive and non-qualified options), stock appreciation rights, RSUs, and PRSUs. Up to 8,100,000 shares of common stock (subject to adjustment in the event of stock splits and other similar events) may be issued pursuant to awards granted under the 2023 Plan. In connection with the approval of the 2023 Plan, no further awards will be made under the Cognex Corporation 2001 General Stock Option Plan, as amended and restated (the â€œ2001 Planâ€), and the Cognex Corporation 2007 Stock Option and Incentive Plan, as amended and restated (the â€œ2007 Planâ€). With the approval of the 2023 Plan, the 10,610,800 shares of common stock subject to awards granted under the 2001 Plan and the 2007 Plan that were outstanding as of May 3, 2023 may become eligible for issuance under the 2023 Plan if such awards are forfeited, cancelled, or otherwise terminated (other than by exercise) (the â€œCarryover Sharesâ€). As of December 31, 2024, forfeitures, cancellations, and other terminations from the 2001 Plan and the 2007 Plan have resulted in 1,142,995 Carryover Shares, raising the authorized total shares that may be issued under the 2023 Plan to 9,242,995.As of DecemberÂ 31, 2024, the Company had 6,458,000 shares available for issuance under its stock plans. Stock options are granted with an exercise price equal to the market value of the Companyâ€™s common stock at the grant date and generally vest over four or five years based on continuous employment and expire ten years from the grant date. RSUs generally vest upon three or four years of continuous employment or incrementally over such three or four year periods. PRSUs generally vest upon three years of continuous employment and achievement of performance criteria established by the Compensation Committee of our Board of Directors on or prior to the grant date. Participants are not entitled to dividends on stock options, RSUs, or PRSUs.Stock OptionsThe following table summarizes the Companyâ€™s stock option activity:Shares(inÂ thousands)Weighted-AverageExercisePriceWeighted-AverageRemainingContractualTerm(inÂ years)AggregateIntrinsic Value(inÂ thousands)Outstanding as of December 31, 20239,008Â $50.87Â Granted1,641Â 39.72Â Exercised(242)24.83Â Forfeited or expired(864)53.18Â Outstanding as of December 31, 20249,543Â $49.40Â 5.62$6,898Â Exercisable as of December 31, 20245,659Â $49.75Â 3.90$6,814Â Options vested or expected to vest as ofÂ Â December 31, 2024 (1)9,019Â $49.62Â 5.45$6,875Â (1) In addition to the vested options, the Company expects a portion of the unvested options to vest at some point in the future. Options expected to vest are calculated by applying an estimated forfeiture rate to the unvested options.The total cash received as a result of stock option exercises was $6,011,000 in 2024, $11,104,000 in 2023, and $12,267,000 in 2022. In connection with these exercises, the tax benefit (expense) realized by the Company was $(4,021,000) in 2024, $(4,691,000) in 2023, and $2,548,000 in 2022.54Table of ContentsCOGNEX CORPORATION - NOTES TO CONSOLIDATED FINANCIAL STATEMENTSThe fair values of stock options granted in each period presented were estimated using the following weighted-average assumptions:Â YearÂ EndedÂ DecemberÂ 31,Â 202420232022Risk-free rate4.3Â %4.0Â %2.2Â %Expected dividend yield0.76Â %0.61Â %0.44Â %Expected volatility39Â %39Â %37Â %Expected term (in years)4.75.05.5Risk-free rateThe risk-free rate was based on a treasury instrument whose term was consistent with the contractual term of the option.Expected dividend yieldThe current dividend yield was calculated by annualizing the cash dividend declared by the Companyâ€™s Board of Directors and dividing that result by the closing stock price on the grant date.Â Expected volatilityThe expected volatility was based on a combination of historical volatility ofÂ the Companyâ€™sÂ common stock over the contractual term of the option and implied volatility for traded options of the Companyâ€™s stock.Expected termThe expected term was derived from the binomial lattice model from the impact of events that trigger exercises over time.The weighted-average grant-date fair value of stock options granted was $14.89 in 2024, $17.76 in 2023, and $21.39 in 2022.The total intrinsic value of stock options exercised was $4,626,000 in 2024, $6,227,000 in 2023, and $8,424,000 in 2022. The total fair value of stock options vested was $29,309,000 in 2024, $34,751,000 in 2023, and $41,497,000 in 2022.Restricted Stock Units (RSUs)The following table summarizes the Company's RSUs activity:Shares(inÂ thousands)Weighted-AverageGrant Date Fair ValueNonvested as of December 31, 20231,429Â $54.22Â Granted844Â 38.90Â Vested(429)64.07Â Forfeited or expired(154)46.61Â Nonvested as of December 31, 20241,690Â $44.75Â The fair value of RSUs was determined based on the observable market price of the Company's stock on the grant date less the present value of expected future dividends. The weighted-average grant-date fair value of RSUs granted was $38.90 in 2024, $46.14 in 2023, and $58.06 in 2022. There were 429,000, 521,000, and 192,000 RSUs that vested in 2024, 2023, and 2022, respectively.Tax obligations for vested RSUs are settled by withholding a portion of the shares prior to distribution to the shareholder. The total cash used by the Company to fund the tax payments was $5,017,000 in 2024, $7,836,000 in 2023, and $2,406,000 in 2022. In connection with these vested RSUs, the tax benefit (expense) realized by the Company was $(7,401,000) in 2024, $(3,229,000) in 2023, and $(1,049,000) in 2022.55Table of ContentsCOGNEX CORPORATION - NOTES TO CONSOLIDATED FINANCIAL STATEMENTSPerformance Restricted Stock Units (PRSUs)The following table summarizes the Company's PRSUs activity:Shares(in thousands)Weighted-Average Grant Date Fair ValueNonvested as of December 31, 202379Â $52.23Â Granted55Â 39.05Â Vestedâ€”Â â€”Â Forfeited or expiredâ€”Â â€”Â Nonvested as of December 31, 2024134Â $46.82Â The fair value of PRSUs was calculated using a Monte Carlo simulation model to estimate the probability of satisfying the service and market conditions stipulated in the award grant. The weighted average grant-date fair value of PRSUs granted was $39.05 in 2024, $44.86 in 2023, and $62.49 in 2022. No PRSUs vested in 2024, 2023, and 2022.Stock-Based Compensation ExpenseThe Company stratifies its employee population into three groups: one consisting of the CEO, another consisting of senior management, and another consisting of all other employees. The Company currently applies an estimated annual forfeiture rate of 0% to all stock-based awards for the CEO, 8% to all stock-based awards for senior management, and 13% for all other employees. Each year during the first quarter, the Company revises its forfeiture rate based on updated estimates of employee turnover. This resulted in a decrease to compensation expense of $1,832,000 in 2024, a decrease to compensation expense of $234,000 in 2023, and an increase to compensation expense of $1,536,000 in 2022.As of DecemberÂ 31, 2024, total unrecognized compensation expense, net of estimated forfeitures, related to non-vested stock-based awards, including stock options, RSUs, and PRSUs, was $51,147,000, which is expected to be recognized over a weighted-average period of 1.5 years.The total stock-based compensation expense and the related income tax benefit recognized was $52,443,000 and $8,387,000, respectively, in 2024, $54,768,000 and $8,442,000, respectively, in 2023, and $54,505,000 and $9,540,000, respectively, in 2022. No compensation expense was capitalized in 2024, 2023, or 2022.The following table presents the stock-based compensation expense by caption for each period presented on the Consolidated Statements of Operations (in thousands):Â Year Ended DecemberÂ 31,Â 202420232022Cost of revenue$1,966Â $1,979Â $2,016Â Research, development, and engineering14,628Â 16,480Â 17,693Â Selling, general, and administrative35,849Â 36,309Â 34,796Â $52,443Â $54,768Â $54,505Â NOTE 17:Â Employee Savings PlanUnder the Company's Employee Savings Plan, a defined contribution plan, all U.S. employees who have attained age 21 may contribute up to 100% of their pay on a pre-tax basis under the Company's Employee Savings Plan, subject to the annual dollar limitations established by the Internal Revenue Service ("IRS"). The Company matches 50% of the first 6% of pay an employee contributes. Company contributions vest 25%, 50%, 75%, and 100% after one, two, three, and four years of continuous employment with the Company, respectively. Company contributions totaled $3,535,000 in 2024, $3,392,000 in 2023, and $3,284,000 in 2022. Cognex stock is not an investment alternative and Company contributions are not made in the form of Cognex stock.NOTE 18:Â Income TaxesDomestic income before taxes was $35,253,000 in 2024, $16,039,000 in 2023, and $48,546,000 in 2022. Foreign income before taxes was $96,236,000 in 2024, $119,309,000 in 2023, and $202,149,000 in 2022. 56Table of ContentsCOGNEX CORPORATION - NOTES TO CONSOLIDATED FINANCIAL STATEMENTSIncome tax expense consisted of the following (in thousands):Â Year Ended DecemberÂ 31,Â 202420232022Current:Federal$28,009Â $29,084Â $48,355Â State4,524Â 3,544Â 5,689Â Foreign12,795Â 9,207Â 10,243Â 45,328Â 41,835Â 64,287Â Deferred:Federal(22,273)(24,731)(40,772)State(1,324)(5,877)(8,354)Foreign3,587Â 10,887Â 20,009Â (20,010)(19,721)(29,117)$25,318Â $22,114Â $35,170Â A reconciliation of the U.S. federal statutory corporate tax rate to the Companyâ€™s income tax expense, or effective tax rate, was as follows:Â YearÂ EndedÂ DecemberÂ 31,Â 202420232022Income tax expense at U.S. federal statutory corporate tax rate21Â %21Â %21Â %State income taxes, net of federal benefit2Â 1Â 2Â Foreign tax rate differential(4)(6)(7)Tax credits(3)(3)(1)Taxation on multinational operations(5)(3)â€”Â Tax reserves1Â 3Â 1Â Limitation on deduction for executive compensation1Â 2Â 1Â Discrete tax expense related to employee stock-based compensation2Â 1Â â€”Â Discrete tax benefit for audit settlements1Â â€”Â (1)Discrete tax expense for foreign earnings not indefinitely reinvested1Â â€”Â â€”Â Discrete tax expense related to tax return filingsâ€”Â 2Â 2Â Discrete tax expense related to rate revaluation on state tax assetsâ€”Â 2Â (2)Discrete tax benefit related to GILTI adjustmentsâ€”Â (2)(3)Discrete tax benefit for release of valuation allowanceâ€”Â (4)(1)Other2Â 2Â 2Â Income tax expense19Â %16Â %14Â %57Table of ContentsCOGNEX CORPORATION - NOTES TO CONSOLIDATED FINANCIAL STATEMENTS Tax ReservesThe changes in gross amounts of unrecognized tax benefits, excluding interest and penalties, were as follows (in thousands):Balance of reserve for income taxes as of December 31, 2021$13,812Â Reductions as a result of tax positions taken in prior periods(119)Additions as a result of tax positions taken in prior periods2,850Â Additions as a result of tax positions taken in the current period505Â Reductions relating to settlements with taxing authorities(2,329)Reductions as a result of the expiration of the applicable statutes of limitations(1,072)Balance of reserve for income taxes as of December 31, 202213,647Â Reductions as a result of tax positions taken in prior periods(242)Additions as a result of tax positions taken in prior periods12,556Â Additions as a result of tax positions taken in the current period1,877Â Reductions relating to settlements with taxing authorities(1,230)Reductions as a result of the expiration of the applicable statutes of limitations(894)Balance of reserve for income taxes as of December 31, 202325,714Â Reductions as a result of tax positions taken in prior periods(39)Additions as a result of tax positions taken in prior periods208Â Additions as a result of tax positions taken in the current period1,935Â Reductions relating to settlements with taxing authorities(2,751)Reductions as a result of the expiration of the applicable statutes of limitations(1,331)Balance of reserve for income taxes as of December 31, 2024$23,736Â The Companyâ€™s reserve for income taxes, including gross interest and penalties, was $28,733,000 as of December 31, 2024, of which $26,365,000 was classified as a non-current liability and $2,368,000 was classified as an offset to deferred tax assets. The Company's reserve for income taxes, including gross interest and penalties, was $29,053,000 as of December 31, 2023, of which $26,685,000 was classified as a non-current liability and $2,368,000 was classified as an offset to deferred tax assets. The amount of gross interest and penalties included in these balances was $4,997,000 and $3,339,000 as of DecemberÂ 31, 2024

and 2023, respectively. If the Companyâ€™s tax positions were sustained or the statutes of limitations related to certain positions expired, these reserves would be released and income tax expense would be reduced in a future period. As a result of the expiration of certain statutes of limitations, there is a potential that a portion of these reserves could be released, which would decrease income tax expense by approximately $2,000,000 to $4,000,000 over the next twelve months.The Company has defined its major tax jurisdictions as the United States, Ireland, China, Japan, and Korea and within the United States, Massachusetts. The statutory tax rate is 12.5% in Ireland, 25% in China, 34.6% in Japan, and 21% in Korea, compared to the U.S. federal statutory corporate tax rate of 21%. These differences resulted in a favorable impact to the effective tax rate of 4 percentage points for 2024, 6 percentage points for 2023, and 7 percentage points for 2022. Management has determined that earnings from its legal entities in China will be indefinitely reinvested to provide local funding for growth, and that earnings from all other jurisdictions will not be indefinitely reinvested. In 2024, the Company recorded a non-current deferred tax liability of $1,400,000 with respect to earnings that are not indefinitely reinvested. In 2023, the Company qualified for a tax holiday in China, which is renewed every three years. The tax effect of this benefit on basic and diluted earnings per share for 2024 was not material. Within the United States, the tax years 2020 through 2023 remain open to examination by the Internal Revenue Service ("IRS") and various state taxing authorities. The tax years 2013 through 2023 remain open to examination by various taxing authorities in foreign jurisdictions in which the Company operates. Management believes the Company is adequately reserved for these audits. The final determination of tax audits could result in favorable or unfavorable changes in our estimates. Any reserves associated with this audit period will not be released until the issue is settled or the audit is concluded. Interest and penalties included in income tax expense were $2,145,000 in 2024, $1,032,000 in 2023, and $229,000 in 2022.58Table of ContentsCOGNEX CORPORATION - NOTES TO CONSOLIDATED FINANCIAL STATEMENTSCash paid for income taxes totaled $59,849,000 in 2024, $56,618,000 in 2023, and $57,016,000 in 2022.Deferred Tax Assets and LiabilitiesThe tax effects of temporary differences and attributes that give rise to deferred income tax assets and liabilities as of December 31, 2024 and December 31, 2023 were as follows (in thousands):DecemberÂ 31,Â 20242023Deferred tax assets:Intangible asset in connection with change in tax structure$369,474Â $375,360Â Capitalization of R&D expenses35,948Â 28,521Â Stock-based compensation expense22,428Â 20,916Â Tax credit carryforwards10,186Â 7,848Â Inventory and revenue related8,355Â 10,897Â Bonuses, commissions, and other compensation6,949Â 6,243Â Depreciation2,877Â 1,840Â Foreign net operating losses1,306Â 339Â Other4,624Â 5,514Â Total deferred tax assets462,147Â 457,478Â Valuation allowance(2,515)(943)$459,632Â $456,535Â Deferred tax liabilities:GILTI tax basis differences in connection with change in tax structure$(254,213)$(274,327)Amortization(29,008) (28,685)Reserve for unremitted foreign earnings(1,400)â€”Â $(284,621)$(303,012)Net deferred taxes$175,011Â $153,523Â Change in Tax Structure and Global Intangible Low-Taxed Income TaxIn 2019, the Company made changes to its international tax structure due to legislation by the European Union regarding low tax structures that resulted in an intercompany sale of intellectual property. As a result, the Company recorded an associated deferred tax asset of $437,500,000 in Ireland based on the fair value of the intellectual property that is being realized over fifteen years as future tax deductions. From a United States perspective, the sale was disregarded, and any future deductions claimed in Ireland are added back to taxable income as part of Global Intangible Low-Taxed Income ("GILTI") minimum tax. The Company recorded an associated deferred tax liability of $350,000,000, representing the GILTI minimum tax related to the fair value of the intellectual property.Other Deferred Tax Assets and LiabilitiesBeginning in 2022, the Tax Cuts and Jobs Act eliminates the option to deduct research and development expenditures in the period incurred and requires taxpayers to capitalize and amortize such expenditures over five or fifteen years, as applicable, pursuant to Section 174 of the Internal Revenue Code. Accordingly, the Company recorded deferred tax assets resulting from the capitalization of research and development expenditures. As of December 31, 2024, the Company had foreign net operating loss carryforwards of $1,306,000, state tax credit carryforwards of $7,619,000 that will begin to expire for the 2031 tax return, and foreign tax credit carryforwards of $2,567,000. As of December 31, 2023, the Company had foreign net operating loss carryforwards of $1,720,000, state tax credit carryforwards of $8,740,000, and foreign tax credit carryforwards of $943,000.As of December 31, 2024, the Company had a valuation allowance for foreign net operation loss carryforwards of $599,000 and a valuation allowance for foreign tax credits of $1,916,000 that were not considered to be realized. As of December 31, 2023, the Company had a valuation allowance for foreign tax credits of $943,000 that was not considered to be realized. Should these credits be utilized in a future period, the reserve associated with these 59Table of ContentsCOGNEX CORPORATION - NOTES TO CONSOLIDATED FINANCIAL STATEMENTScredits would be reversed in the period when it is determined that the credits can be utilized to offset future income tax liabilities.While the deferred tax assets, net of valuation allowance, are not assured of realization, management has evaluated the realizability of these deferred tax as sets and has determined that it is more likely than not that these assets will be realized. In reaching this conclusion, we have evaluated certain relevant criteria including the Companyâ€™s historical profitability, current projections of future profitability, and the lives of tax credits, net operating losses, and other carryforwards. Should the Company fail to generate sufficient pre-tax profits in future periods, we may be required to establish valuation allowances against these deferred tax assets, resulting in a charge to current operations in the period of determination.NOTE 19:Â Weighted Average SharesWeighted-average shares were calculated as follows (in thousands):Â Year Ended DecemberÂ 31,202420232022Basic weighted-average common shares outstanding171,438Â 172,249Â 173,407Â Effect of dilutive stock awards1,173Â 1,150Â 1,462Â Diluted weighted-average common and common-equivalent shares outstanding172,611Â 173,399Â 174,869Â Stock options to purchase 8,496,599, 6,854,092, and 4,715,104 shares of common stock, on a weighted-average basis, were outstanding in 2024, 2023, and 2022, respectively, but were not included in the calculation of dilutive net income per share because they were anti-dilutive. Restricted stock units totaling 365 and 26,079 that will be settled in shares of common stock to the extent they vest, on a weighted-average basis, were outstanding in 2023 and 2022, respectively, but were not included in the calculation of dilutive net income per share because they were anti-dilutive. No restricted stock units were excluded in the calculation of dilutive net income per share in 2024. No PRSUs were excluded in the calculation of dilutive net income per share in 2024, 2023, and 2022 as PRSUs were not anti-dilutive on a weighted-average basis.NOTE 20:Â Segment and Geographic InformationThe Company operates in one segment, machine vision technology. The Company has a single, company-wide management team that administers operations as a whole rather than as discrete operating segments. The Companyâ€™s chief operating decision maker is the chief executive officer, who assesses performance and allocates resources at the corporate level, as compared to the geography, product line, or end market levels. The Company offers a variety of machine vision products that have similar economic characteristics and are distributed by the same sales channels to the same types of customers.The following table summarizes information about geographic areas (in thousands):UnitedÂ StatesEuropeGreater China OtherTotalYear Ended December 31, 2024Revenue$306,766Â $217,880Â $164,147Â $225,722Â $914,515Â Long-lived assets56,948Â 15,655Â 14,844Â 16,025Â $103,472Â Year Ended December 31, 2023Revenue$288,324Â $220,665Â $164,115Â $164,443Â $837,547Â Long-lived assets62,946Â 17,005Â 17,028Â 15,958Â $112,937Â Year Ended December 31, 2022Revenue$343,835Â $234,643Â $227,447Â $200,165Â $1,006,090Â Long-lived assets66,928Â 14,725Â 1,334Â 3,370Â $86,357Â Revenue is presented geographically based on the customerâ€™s country of domicile. Revenue from a single customer accounted for 10% and 11% of total revenue in 2024 and 2022, respectively. Revenue from this customer was not greater than 10% of total revenue in 2023. Accounts receivable from this customer was 10% of total accounts receivable as of December 31, 2024 and was not greater than 10% of total accounts receivable as of December 31, 2023.60Table of ContentsCOGNEX CORPORATION - NOTES TO CONSOLIDATED FINANCIAL STATEMENTSRevenue from a second customer accounted for 11% of total revenue in 2022. Revenue from this customer was not greater than 10% of total revenue in 2024 or 2023. Accounts receivable from this customer was not greater than 10% of total accounts receivable as of December 31, 2024 or December 31, 2023.The measure of segment profit or loss for the Company's single segment is net income. Segment expenses were disaggregated based on the information the chief operating decision maker uses to assess performance and allocate resources considering both quantitative and qualitative factors. The following table summarizes significant segment expenses, which represents the difference between segment revenue and segment net income, (in thousands):Year Ended DecemberÂ 31,202420232022Revenue$914,515Â $837,547Â $1,006,090Â Less: Cost of revenue (1)288,721Â 236,306Â 284,185Â Gross profit625,794Â 601,241Â 721,905Â Less:Research, development, and engineering expensesSalaries and fringe benefits79,544Â 78,762Â 76,448Â Incentive compensation (2)4,711Â 1,446Â 3,447Â Stock-based compensation14,628Â 16,480Â 17,693Â Depreciation and amortization3,229Â 3,056Â 2,649Â Other segment expenses (3)37,703Â 39,656Â 40,896Â Total research, development, and engineering expenses139,815Â 139,400Â 141,133Â Selling, general, and administrative expensesSalaries and fringe benefits179,898Â 166,612Â 150,696Â Incentive compensation (2)45,565Â 35,513Â 40,716Â Stock-based compensation35,849Â 36,309Â 34,796Â Depreciation and amortization16,936Â 11,759Â 10,702Â Other segment expenses (3)92,666Â 88,946Â 75,197Â Total selling, general, and administrative expenses370,914Â 339,139Â 312,107Â Loss (recovery) from fireâ€”Â (8,000)20,779Â Restructuring chargesâ€”Â â€”Â 1,657Â Operating income115,065Â 130,702Â 246,229Â Foreign currency gain (loss)1,531Â (10,039)(1,837)Investment income13,971Â 14,093Â 6,715Â Other income (expense)922Â 592Â (412)Income before income tax expense131,489Â 135,348Â 250,695Â Income tax expense25,318Â 22,114Â 35,170Â Net income$106,171Â $113,234Â $215,525Â (1) Cost of revenue includes depreciation and amortization expense (including amortization of acquired technologies) of $12,524,000, $7,065,000, and $6,270,000 for 2024, 2023, and 2022, respectively.(2) Incentive compensation includes company bonus and sales commissions.(3) Other segment expenses include outside services, prototyping materials, sales demonstration equipment, travel and entertainment, marketing programs, and rent, among other less significant expenses.61Table of ContentsCOGNEX CORPORATION - NOTES TO CONSOLIDATED FINANCIAL STATEMENTSNOTE 21: Business CombinationsMoritex CorporationOn October 18, 2023, the Company acquired all the outstanding shares of Moritex Corporation ("Moritex"), a global provider of premium optical components based in Japan, for an enterprise value of Â¥40Â billion Japanese Yen, or approximately $270Â million U.S. Dollars based on the closing date foreign exchange rate. The cash-free, debt-free enterprise value was adjusted by cash acquired, debt assumed, and final working capital balances to arrive at total consideration to be allocated to assets acquired and liabilities assumed of Â¥44,376,245,000 ($296,138,000 based on the closing date foreign exchange rate), of which Â¥44,227,414,000 ($295,144,000) was paid in cash on the closing date and Â¥148,831,000 ($994,000) was paid during the first quarter of 2024 as a purchase price adjustment based on the closing balance sheet. The Company acquired cash balances totaling $38,088,000 as part of this transaction, to arrive at a net cash outflow of $257,056,000 on the closing date. There was no contingent consideration as part of this transaction. In the fourth quarter of 2024, the Company recorded measurement-period adjustments that increased goodwill by $6,478,000 and are reflected in the final purchase price allocation below. The adjustments consisted primarily of changes to deferred income tax liabilities based on the final push-down accounting for intangible assets to legal-entity jurisdictions, a reduction in customer relationships based on a methodology refinement, and changes to provisional assets and liabilities based on new information obtained within the one-year measurement period that refined initial estimates.The portfolio of Moritex optical components allows us to expand our served market to include high-end lenses and lighting and provide our customers with a more complete product offering by replacing third-party components with Cognex-manufactured optical components. Moritex also provides the Company with a more substantial presence in Japan, which is an important machine vision market where we believe we can increase our share through a stronger local presence.This transaction was accounted for as a business combination. Identifiable assets acquired and liabilities assumed were recorded at their estimated fair values as of the acquisition date, which were valued using level 3 inputs for intangible assets, inventories, and property, plant and equipment. Pro-forma information, as well as revenue and earnings from the date of the acquisition, are not presented because they are not material to the Companyâ€™s consolidated financial statements. Transaction costs were approximately $5,800,000 and were expensed as incurred as part of SG&A expenses on the Consolidated Statement of Operations.62Table of ContentsCOGNEX CORPORATION - NOTES TO CONSOLIDATED FINANCIAL STATEMENTSThe purchase price was allocated as follows (in thousands):Cash and cash equivalents$38,088Â Accounts receivable11,543Â Inventories21,882Â Property, plant and equipment19,805Â Goodwill151,525Â Customer relationships64,800Â Completed technologies32,300Â Trademarks850Â Deferred income tax assets4,162Â Other assets3,363Â Accounts payable(6,639)Accrued expenses(14,718)Deferred income tax liabilities(22,665)Reserve for income taxes(5,864)Other liabilities(2,294)Â Â Â Purchase price$296,138Â The customer relationships, completed technologies, and trademarks are included in "Intangible assets" on the Consolidated Balance Sheet. The customer relationships are being amortized to SG&A expenses over fifteen years, the completed technologies are being amortized to cost of revenue over nine years, and the trademarks are being amortized to SG&A expenses over three years. None of the acquired goodwill is deductible for tax purposes.NOTE 22: Loss (Recovery) from FireOn June 7, 2022, the Companyâ€™s primary contract manufacturer experienced a fire at its plant in Indonesia, destroying a significant amount of Cognex inventories.In 2022, the Company recorded a net loss related to the fire of $20,779,000, consisting primarily of losses of inventories and other assets of $48,339,000, partially offset by insurance proceeds received from the Company's insurance carrier of $27,560,000. In 2023, the Company recorded recoveries related to the fire of $8,000,000, consisting of $2,500,000 for proceeds received from the Company's insurance carrier in relation to a business interruption claim and $5,500,000 for proceeds received as part of a financial settlement for lost inventory and other losses incurred as a result of the fire. NOTE 23: Subsequent EventsOn February 12, 2025, the Company's Board of Directors declared a cash dividend of $0.080 per share. The dividend is payable March 13, 2025 to all shareholders of record as of the close of business on February 27, 2025.63Table of ContentsCOGNEX CORPORATION â€” SCHEDULE II â€” VALUATION AND QUALIFYING ACCOUNTSÂ Â AdditionsÂ Â Â Â Â DescriptionBalanceÂ atBeginningof PeriodChargedÂ toCosts andExpensesChargedto OtherAccountsDeductionsÂ OtherÂ BalanceÂ atEnd ofPeriod(In thousands)Allowance for Credit Losses on Accounts Receivable:2024$583Â $459Â $â€”Â $(222) (1)$7Â (2)$827Â 2023$730Â $500Â $â€”Â $(645)(1)$(2)(2)$583Â 2022$776Â $191Â $â€”Â $(237)(1)$â€”Â (2)$730Â ReserveÂ for Sales Returns:2024$2,018Â $500Â $â€”Â $â€”Â (1)$â€”Â (2)$2,518Â 2023$1,518Â $500Â $â€”Â $â€”Â (1)$â€”Â (2)$2,018Â 2022$1,518Â $â€”Â $â€”Â $â€”Â (1)$â€”Â (2)$1,518Â Deferred Tax Valuation Allowance:2024$943Â $1,572Â $â€”Â $â€”Â $â€”Â $2,515Â 2023$7,661Â $â€”Â $â€”Â $(6,718)$â€”Â $943Â 2022$8,188Â $2,234Â $3,889Â $(6,650)$â€”Â $7,661Â (1)Specific write-offs(2)Foreign currency exchange rate changes64Table of ContentsITEMÂ 9: CHANGES IN AND DISAGREEMENTS WITH ACCOUNTANTS ON ACCOUNTING AND FINANCIAL DISCLOSUREThere were no disagreements with accountants on accounting or financial disclosure during 2024 or 2023.ITEM 9A: CONTROLS AND PROCEDURESDisclosure Controls and ProceduresAs required by Rules 13a-15 and 15d-15 of the Exchange Act, the Company has evaluated, with the participation of management, including the Chief Executive Officer and the Chief Financial Officer, the effectiveness of its disclosure controls and procedures (as defined in such rules) as of the end of the period covered by this report. Based on such evaluation, the Chief Executive Officer and Chief Financial Officer concluded that such disclosure controls and procedures were effective as of that date.Managementâ€™s Report on Internal Control over Financial ReportingManagement is responsible for establishing and maintaining adequate internal control over financial reporting. Management has evaluated the effectiveness of the Companyâ€™s internal control over financial reporting based on the framework in Internal Control â€“ Integrated Framework issued in 2013 by the Committee of Sponsoring Organizations of the Treadway Commission (COSO).Based on our evaluation, management has concluded that the Companyâ€™s internal control over financial reporting was effective as of DecemberÂ 31, 2024.Attestation Report of the Registered Public Accounting Firm on Internal Control over Financial ReportingThe Companyâ€™s internal control over financial reporting as of DecemberÂ 31, 2024 has been audited by Grant Thornton LLP, an independent registered public accounting firm, as stated in their report which is included herein.Changes in Internal Control over Financial ReportingThere have been no changes in the Company's internal control over financial reporting that occurred during the fourth quarter of the year ended DecemberÂ 31, 2024 that have materially affected, or are reasonably likely to materially affect, the Companyâ€™s internal control over financial reporting. The Company continues to review its disclosure controls and procedures, including its internal control over financial reporting, and may from time to time make changes aimed at enhancing their effectiveness and to ensure that the Companyâ€™s systems evolve with its business.65Table of ContentsREPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRMBoard of Directors and ShareholdersCognex CorporationOpinion on internal control over financial reportingWe have audited the internal control over financial reporting of Cognex Corporation (a Massachusetts corporation) and subsidiaries (the â€œCompanyâ€) as of December 31, 2024, based on criteria established in the 2013 Internal Controlâ€”Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (â€œCOSOâ€). In our opinion, the Company maintained, in all material respects, effective internal control over financial reporting as of December 31, 2024, based on criteria established in the 2013 Internal Controlâ€”Integrated Framework issued by COSO.We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) (â€œPCAOBâ€), the consolidated financial statements of the Company as of and for the year ended December 31, 2024, and our report dated February 13, 2025 expressed an unqualified opinion on those financial statements.Basis for opinionThe Companyâ€™s management is responsible for maintaining effective internal control over financial reporting and for its assessment of the effectiveness of internal control over financial reporting, included in the accompanying Managementâ€™s Report on Internal Control Over Financial Reporting ("Management's Report"). Our responsibility is

to express an opinion on the Companyâ€™s internal control over financial reporting based on our audit. We are a public accounting firm registered with the PCAOB and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB. We conducted our audit in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether effective internal control over financial reporting was maintained in all material respects. Our audit included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, testing and evaluating the design and operating effectiveness of internal control based on the assessed risk, and performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion.Definition and limitations of internal control over financial reportingA companyâ€™s internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A companyâ€™s internal control over financial reporting includes those policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the companyâ€™s assets that could have a material effect on the financial statements.Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate./s/ GRANT THORNTON LLPBoston, MassachusettsFebruaryÂ 13, 2025 66Table of ContentsITEM 9B: OTHER INFORMATIONDuring the quarter ended December 31, 2024, the following Section 16 officer adopted a Rule 10b5-1 trading arrangement, as defined in Item 408 of Regulation S-K, that is intended to satisfy the affirmative defense conditions of Exchange Act Rule 10b5-1(c):â€¢On December 10, 2024, Joerg Kuechen, the Chief Technology Officer of the Company, adopted a trading arrangement for the sale of shares of the Companyâ€™s common stock (a â€œRule 10b5-1 Trading Planâ€). Mr. Kuechenâ€™s Rule 10b5-1 Trading Plan, which has a term ending on December 10, 2025, provides for the exercise of vested stock options to acquire up to 265,732 shares of common stock and the sale of up to 277,342 shares of common stock pursuant to the terms of such Rule 10b5-1 Trading Plan. During the quarter ended December 31, 2024, no 10b5-1 trading arrangements were modified or terminated, and no director or officer of the Company adopted or terminated a â€œnon-Rule 10b5-1 trading arrangement,â€ as defined in Item 408 of Regulation S-K.ITEM 9C: DISCLOSURE REGARDING FOREIGN JURISDICTIONS THAT PREVENT INSPECTIONSNot ApplicablePART IIIITEMÂ 10:Â DIRECTORS, EXECUTIVE OFFICERS, AND CORPORATE GOVERNANCEInformation with respect to Directors and Executive Officers of the Company and the other matters required by ItemÂ 10 shall be included in the Companyâ€™s definitive Proxy Statement for the Annual Meeting of Shareholders to be held on April 30, 2025 and is incorporated herein by reference.The Company has adopted a Code of Business Conduct and Ethics covering all employees, which is available, free of charge, on the Companyâ€™s website, www.cognex.com under "Company-Investor Information-Governance Documents". The Company intends to disclose on its website any amendments to or waivers of the Code of Business Conduct and Ethics on behalf of the Companyâ€™s directors and executive officers that would otherwise be required to be disclosed under the rules of the SEC or The NASDAQ Stock Market LLC.With respect to Item 408(b) of Regulation S-K, the Company has an insider trading policy governing the purchase, sale and other dispositions of the Companyâ€™s securities that applies to the Company's personnel, including its officers, directors, employees of the Company and its subsidiaries, and other covered persons. The Company believes that its insider trading policy is reasonably designed to promote compliance with insider trading laws, rules and regulations, and listing standards applicable to the Company. A copy of the Companyâ€™s insider trading policy is filed as Exhibit 19 to this Form 10-K.ITEMÂ 11:Â EXECUTIVE COMPENSATIONInformation with respect to executive compensation and the other matters required by ItemÂ 11 shall be included in the Companyâ€™s definitive Proxy Statement for the Annual Meeting of Shareholders to be held on AprilÂ 30, 2025 and is incorporated herein by reference.ITEMÂ 12:Â SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT AND RELATED STOCKHOLDER MATTERSInformation with respect to security ownership and the other matters required by ItemÂ 12 shall be included in the Companyâ€™s definitive Proxy Statement for the Annual Meeting of Shareholders to be held on AprilÂ 30, 2025 and is incorporated herein by reference.67Table of ContentsThe following table provides information as of DecemberÂ 31, 2024 regarding shares of common stock that may be issued under the Companyâ€™s existing equity compensation plans:Plan CategoryNumberÂ ofÂ securitiesÂ toÂ beissued upon exercise ofoutstandingÂ options, warrants and rights, and vesting of restricted stock unitsWeighted-averageÂ exercisepriceÂ ofÂ outstandingÂ options, restricted stock units, warrants,Â andÂ rightsNumberÂ ofÂ securitiesremainingÂ availableÂ forÂ futureissuance under equitycompensation plans(excludingÂ securitiesÂ reflectedin column (a))Â (a)Â Â Equity compensation plans approved by shareholders (3)11,366,000Â (1)$49.03Â 6,458,000Â (2)Equity compensation plans not approved by shareholders (3)â€”Â â€”Â â€”Â 11,366,000Â $51.22Â 6,458,000Â (1)Includes shares to be issued upon exercise of outstanding options under the Companyâ€™s 2023 Stock Option and Incentive Plan, the 2007 Stock Option and Incentive Plan, and subsequent to shareholder approval, the 2001 General Stock Option Plan, as amended and restated.(2)Includes shares remaining available for future issuance under the Companyâ€™s 2023 Stock Option and Incentive Plan. This amount is subject to adjustment from "Carryover Shares" as defined in Note 16: Stock-Based Compensation.(3)All references made to share or per share amounts have been adjusted to reflect the two-for-one stock split which occurred in the fourth quarter of 2017.The 2001 General Stock Option Plan was originally adopted by the Board of Directors in December 2001 without shareholder approval. In December 2011, this plan received shareholder approval for an amendment and restatement of the plan. This plan provided for the granting of nonqualified stock options and incentive stock options to any employee who was actively employed by the Company and was not an officer or director of the Company. The maximum number of shares of common stock that were available for grant under this plan was 38,440,000 shares. All option grants had an exercise price per share that was no less than the fair market value per share of the Companyâ€™s common stock on the grant date and had a term that was no longer than ten years from the grant date. 32,544,411 stock options were granted under the 2001 General Stock Option Plan. With shareholder approval of the 2023 Stock Option and Incentive Plan in May 2023, no further shares may be granted from the 2001 General Stock Option Plan.ITEMÂ 13:Â CERTAIN RELATIONSHIPS AND RELATED TRANSACTIONS, AND DIRECTOR INDEPENDENCEInformation with respect to certain relationships and related transactions and the other matters required by ItemÂ 13 shall be included in the Companyâ€™s definitive Proxy Statement for the Annual Meeting of Shareholders to be held on AprilÂ 30, 2025 and is incorporated herein by reference.ITEMÂ 14:Â PRINCIPAL ACCOUNTING FEES AND SERVICESInformation with respect to principal accounting fees and services and the other matters required by ItemÂ 14 shall be included in the Companyâ€™s definitive Proxy Statement for the Annual Meeting of Shareholders to be held on AprilÂ 30, 2025 and is incorporated herein by reference.PART IVITEMÂ 15:Â EXHIBITS AND FINANCIAL STATEMENT SCHEDULES(1)Financial StatementsThe financial statements are included in Part II â€“ ItemÂ 8 of this Annual Report on Form 10-K.(2)Financial Statement ScheduleFinancial Statement Schedule II is included in Part II â€“ ItemÂ 8 of this Annual Report on Form 10-K.Other schedules are omitted because of the absence of conditions under which they are required or because the required information is provided in the consolidated financial statements or notes thereto.(3)ExhibitsThe Exhibits filed as part of this Annual Report on Form 10-K are listed in the Exhibit Index, immediately preceding the signature page hereto.68Table of ContentsITEMÂ 16:Â FORM 10-K SUMMARYNot applicable69Table of ContentsEXHIBIT INDEXEXHIBITÂ NUMBERÂ 3ARestated Articles of Organization of Cognex Corporation effective JuneÂ 27, 1989, as amended through May 5, 2016 (incorporated by reference to Exhibit 3.1 of Cognex's Quarterly Report on Form 10-Q for the quarter ended July 3, 2016 [File No. 1-34218])3BArticles of Amendment to the Articles of Organization of Cognex Corporation establishing Series E Junior Participating Preferred Stock (incorporated by reference to Exhibit 3.2 to Cognex's Quarterly Report on Form 10-Q for the quarter ended July 3, 2016 [File No. 1-34218])3CArticles of Amendment to Restated Articles of Organization of Cognex Corporation, effective May 2, 2018 (incorporated by reference to Exhibit 4.2 of Cognex's Registration Statement on Form S-8 [Registration No. 333-224716])3DArticles of Amendment to Restated Articles of Organization of Cognex Corporation, effective April 26, 2019 (incorporated by reference to Exhibit 3.4 of Cognex's Quarterly Report on Form 10-Q for the quarter ended March 31, 2019 [File No. 1-34218])3EAmended and Restated By-laws of Cognex Corporation, effective August 2, 2023 (incorporated by reference to Exhibit 3.1 of Cognex's Current Report on Form 8-K, as filed with the SEC on August 3, 2023 [File No. 1-34218])4ASpecimen Certificate for Shares of Common Stock (incorporated by reference to Exhibit 4 to Cognex's Registration Statement on Form S-1 [Registration No. 33-29020])4BDescription of Capital Stock (incorporated by reference to Exhibit 4B of Cognex's Annual Report on Form 10-K for the year ended December 31, 2019 [File No. 1-34218])10A *Cognex Corporation 2001 General Stock Option Plan, as amended and restated (incorporated by reference to Exhibit 99.1 to Cognex's Registration Statement on Form S-8 [Registration No. 333-224716])10B *Cognex Corporation 2007 Stock Option and Incentive Plan, as amended and restated (incorporated by reference to Exhibit 10H of Cognex's Annual Report on Form 10-K for the year ended December 31, 2017 [File No. 1-34218])10C *Form of Letter Agreement between Cognex Corporation and Anthony Sun (incorporated by reference to Exhibit 10K of Cognex's Annual Report on Form 10-K for the year ended December 31, 2012 [File No. 1-34218])10D *Form of Indemnification Agreement with each of the Directors of Cognex Corporation (incorporated by reference to Exhibit 10R of Cognex's Annual Report on Form 10-K for the year ended December 31, 2013 [File No. 1-34218])10E *Employment Agreement, dated June 17, 2008, by and between Cognex Corporation and Robert Willett (incorporated by reference to Exhibit 10S of Cognex's Annual Report on Form 10-K for the year ended December 31, 2013 [File No. 1-34218])10F *Amendment to Employment Agreement with Robert Willett, dated November 14, 2008 (incorporated by reference to Exhibit 10T of Cognex's Annual Report on Form 10-K for the year ended December 31, 2013 [File No. 1-34218])10G *Form of Stock Option Agreement (Non-Qualified) under 2007 Stock Option and Incentive Plan (incorporated by reference to Exhibit 10U of Cognex's Annual Report on Form 10-K for the year ended December 31, 2013 [File No. 1-34218])10H *Form of Stock Option Agreement under 2001 General Stock Option Plan (incorporated by reference to Exhibit 10O of Cognex's Annual Report on Form 10-K for the year ended December 31, 2017 [File No. 1-34218])10J *Summary of Cognex Annual Bonus Program (incorporated by reference to Exhibit 10Q of Cognex's Annual Report on Form 10-K for the year ended December 31, 2017 [File No. 1-34218])10K *Form of Restricted Stock Unit Agreement under the 2007 Stock Option and Incentive Plan (incorporated by reference to Exhibit 10U of Cognex's Annual Report on Form 10-K for the year ended December 31, 2019 [File No. 1-34218])10L *Form of Performance Restricted Stock Unit Agreement under the 2007 Stock Option and Incentive Plan (incorporated by reference to Exhibit 10L of Cognexâ€™s Annual Report on Form 10-K for the year ended December 31, 2021 [File No. 1-34218])10M *Cognex Corporation 2023 Stock Option and Incentive Plan (incorporated by reference to Exhibit 10.1 of Cognex's Current Report on Form 8-K, as filed with the SEC on May 4, 2023 [File No. 1-34218)70Table of Contents10N *Form of Non-Qualified Stock Option Agreement under the Cognex Corporation 2023 Stock Option and Incentive Plan (incorporated by reference to Exhibit 10.2 of Cognex's Current Report on Form 8-K, as filed with the SEC on May 4, 2023 [File No. 1-34218])10O *Form of Restricted Stock Unit Award Agreement under the Cognex Corporation 2023 Stock Option and Incentive Plan (incorporated by reference to Exhibit 10.3 of Cognex's Current Report on Form 8-K, as filed with the SEC on May 4, 2023 [File No. 1-34218])10P *Form of Performance Restricted Stock Unit Award Agreement under the Cognex Corporation 2023 Stock Option and Incentive Plan (incorporated by reference to Exhibit 10.1 of Cognex's Current Report on Form 8-K, as filed with the SEC on May 4, 2023 [File No. 1-34218])10Q *Letter Agreement, dated January 3, 2024 between Cognex Corporation and Paul D. Todgham (incorporated by reference to Exhibit 10.1 Of Cognex's Quarterly Report on Form 10-Q for the quarter ended March 31, 2024 [File No. 1-34218])10R *Relocation Letter Agreement, effective as of April 22, 2024, by and between Cognex Corporation and Dennis Fehr (incorporated by reference to Exhibit 10.1 of Cognex's Quarterly Report on Form 10-Q for the quarter ended June 30, 2024 [File No. 1-34218])19Cognex Corporation Insider Trading Policy (filed herewith)21Subsidiaries of the registrant (filed herewith)23.1Consent of Grant Thornton LLP (filed herewith)31.1Certification pursuant to Section 302 of the Sarbanes-Oxley Act of 2002 (CEO) (filed herewith)31.2Certification pursuant to Section 302 of the Sarbanes-Oxley Act of 2002 (CFO) (filed herewith)32.1Certification pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 (CEO) (furnished herewith)32.2Certification pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 (CFO) (furnished herewith)97Policy Relating to Recovery of Erroneously Awarded Compensation (as required by applicable listing standards adopted pursuant to 17 CFR 240.10D-1) (incorporated by reference to Exhibit 97 of Cognex's Annual Report on Form 10-K for the year ended December 31, 2023 [File No. 1-34281])101.SCHInline XBRL Taxonomy Extension Schema Document (filed herewith)101.CALInline XBRL Taxonomy Extension Calculation Linkbase Document (filed herewith)101.LABInline XBRL Taxonomy Extension Label Linkbase Document (filed herewith)101.PREInline XBRL Taxonomy Extension Presentation Linkbase Document (filed herewith)101.DEFInline XBRL Taxonomy Extension Schema Document (filed herewith)104Cover Page Interactive Data File (formatted as Inline XBRL with applicable taxonomy extension information contained in Exhibits 101*.) (filed herewith)* Indicated management contract or compensatory plan or arrangement71Table of ContentsSIGNATURESPursuant to the requirements of SectionÂ 13 or 15(d) of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized on the 13th day of February 2025.COGNEX CORPORATIONBy:/s/Â Â Â Â Robert J. WillettRobert J. WillettPresident and Chief Executive OfficerPursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.SignatureTitleDate/s/Â Â Â Â Robert J. WillettPresident, Chief Executive Officer, and Director (principal executive officer)February 13, 2025Robert J. Willett/s/Â Â Â Â Dennis FehrSenior Vice President of Finance and Chief Financial Officer (principal financialÂ officer)February 13, 2025Dennis Fehr/s/Â Â Â Â Laura MacDonaldVice President of Finance and Principal Accounting Officer (principalÂ accountingÂ officer)February 13, 2025Laura MacDonald/s/Â Â Â Â Sachin LawandeDirectorFebruary 13, 2025Sachin Lawande/s/Â Â Â Â John LeeDirectorFebruary 13, 2025John Lee/s/Â Â Â Â Angelos PapadimitriouDirectorFebruary 13, 2025Angelos Papadimitriou/s/Â Â Â Â Dianne ParrotteDirectorFebruary 13, 2025Dianne Parrotte/s/Â Â Â Â Marjorie SennettDirectorFebruary 13, 2025Marjorie Sennett/s/Â Â Â Â Anthony SunDirectorFebruary 13, 2025Anthony Sun72 EX-19 2 a2024insidertradingpolic.htm EX-19 a2024insidertradingpolic Insider Trading Policy Version: 3.0 Cognex Corporation Insider Trading Policy 1.0 POLICY OBJECTIVE, PURPOSE, SCOPE, REFERENCES 1.1 Objective The objective of this Policy is to help non-employee members of Cognex Corporationâ€™s board of directors (â€œDirectorsâ€), officers of Cognex Corporation or an affiliate of Cognex Corporation (â€œOfficersâ€), and employees of Cognex Corporation or an affiliate of Cognex Corporation (â€œEmployees,â€ and together with Officers, â€œCognoidsâ€) comply with insider trading laws and to help prevent even the appearance of improper insider trading. â€œCognexâ€ means Cognex Corporation and affiliates of Cognex Corporation. 1.2 Purpose This Policy describes Cognex's global policy to promote compliance with securities laws with respect to purchases and sales of Cognex Corporation securities. 1.3 Scope This Policy applies to all Directors and Cognoids and their Affiliated Persons (â€œInsidersâ€). This Policy continues to apply to Insiders following the termination of such personâ€™s service to or employment with Cognex until any Material Non-Public Information possessed by such person has been Widely Disseminated or is no longer material, whichever is earlier. 1.4 References This Policy should be read in conjunction with other relevant Cognex policies and procedures that can be found on Cognexâ€™s 1 Vision Intranet site including Cognexâ€™s Code of Business Conduct and Ethics. This Policy does not address disclosure of Cognex information generally, which is covered in the Employee Handbook and non-disclosure agreements, as applicable. 2.0 DEFINITIONS 2.1 â€œAffiliated Personsâ€ means a personâ€™s spouse, children, parents, siblings and any other members of their household; and any investment fund, trust, retirement plan, partnership, corporation or other entity over which such person has the ability to influence or direct investment decisions concerning securities. 2.2 â€œKnown Insidersâ€ means Directors, Officers, non-executive vice presidents and any Cognoid that by the nature of his or her job responsibilities has access to Material Non-Public Information (including certain financial information) regarding Cognex on a regular basis, and their respective Affiliated Persons. These positions include: the Corporate Controller, the heads of Tax and Investor Relations, and other specifically identified members of the Chief Financial Officer and/or Chief Executive Officerâ€™s staff. The current list of Known Insiders is set forth on Appendix A. 2.3 â€œMaterial Non-Public Informationâ€ means information that is not yet generally known to the investing public and that could reasonably be expected to affect, whether positively or negatively, the investment or voting decisions of a shareholder or investor, significantly alter the total mix of information in the marketplace about Cognex, or could reasonably be expected to affect the market price of Cognex Corporation securities. While it is not possible to identify all information that would be deemed â€œmaterial,â€ examples of material information include the following items: Â Insider Trading Policy Version: 3.0 â€¢ Quarterly and annual bookings or financial results; â€¢ Financial guidance or outlooks; â€¢ Changes in previously disclosed financial results, guidance or outlooks; â€¢ The declaration of cash dividends, stock dividends, or stock splits, or any policy change thereto; â€¢ Joint ventures, mergers, acquisitions, dispositions or tender offers; â€¢ Changes in top management or the Board of Directors; â€¢ Major borrowings or the sale of additional securities; â€¢ Significant repurchases of

stock, or intentions to do so; â€¢ Major legal actions filed by or against Cognex; â€¢ Significant new product launches or inventions; â€¢ A decision to take a material write-off; â€¢ A major change in the accounting treatment of financial statements; â€¢ The closing of a significant plant or other facility; and â€¢ The discontinuation or sale of a significant product line or business. 2.5 â€œOpen Orderâ€ an order to buy or sell Cognex securities that remains in effect until it is either cancelled or executed. If subject to quiet periods, all Open Orders must be either cancelled or executed prior to entering a Quiet Period. If an Open Order exists when you obtain Material Non-Public Information, the Open Order must be cancelled immediately and not executed. If placing an Open Order with a broker, you should inform the broker that you are subject to this Policy, the pre-clearance procedures and quiet periods, as applicable, to help assure that all Open Orders are cancelled prior to any quiet periods. Exercise caution when placing Open Orders, such as limit orders, particularly where the order is likely to remain outstanding for an extended period of time, except in accordance with an Approved 10b5-1 Plan (as discussed below). Open Orders may result in the execution of a trade at a time when you are aware of Material Non-Public Information or are otherwise not permitted to trade in Cognex securities, which may result in inadvertent insider trading violations, Section 16 violations (for Reporting Insiders) and violations of this Policy. 2.6 â€œWidely Disseminatedâ€ with respect to Material Non-Public Information, means, once the information has been disclosed broadly to the marketplace, such as after a press release is widely distributed on the Cognex website or by a news or wire service such as PRNewswire, a Form 8-K or other report is filed with the U.S. Securities and Exchange Commission (â€œSECâ€), or an announcement is made at a conference for which the public had adequate notice and to which the public was granted access. 3.0 PROHIBITED ACTIVITIES OF INSIDERS Insiders are prohibited from engaging in the following activities: 3.1 Trading, having others trade for the Insider, or recommending that another person trade (â€œtippingâ€), in (a) Cognex Corporation securities or (b) the securities of another publicly traded company (such as Cognex customers, vendors and suppliers) based upon Material Non-Public Information until the information has been Widely Disseminated. 3.2 Disclosing (including by posting on social media, an Internet chat room, message board, or similar Internet-based forum) Material Non-Public Information about (a) Cognex or (b) another publicly traded company (such as Cognex customers, vendors and suppliers) obtained through the Insiderâ€™s employment or association with Cognex to anyone except Cognoids or third-party agents (such as outside legal counsel) whose positions require them to know such information, until such information has been Widely Disseminated. This includes disclosure to a personâ€™s family members, the media, investment analysts or others in the financial community, and other persons, regardless of whether they learn the information directly from the Insider or indirectly by overhearing the Insider discuss the information in a public place, such as on an elevator, airplane, or at social or business gatherings. Â Insider Trading Policy Version: 3.0 Page: 3 of 6 3.3 Short selling (the sale of shares of Cognex Corporation stock that the seller does not own but instead borrows to sell) of Cognex Corporation stock. Such sales are made in anticipation of a decline in the price of Cognex Corporation stock to enable the seller to cover the sale with a purchase at a later date, at a lower price, and thus at a profit. Any Cognoid engaged in short sales of Cognex stock is subject to disciplinary action including immediate termination. 3.5 Entering into any hedging or monetization transactions or similar arrangements with respect to Cognex Corporation securities. Hedging means to purchase or sell financial instruments (including prepaid variable forward contracts, equity swaps, collars, and exchange funds), or otherwise engage in transactions, that hedge or offset, or are designed to hedge or offset, any decrease in the market value of Cognex Corporation securities. 3.6 Trading, either directly or indirectly, in exchange-traded options for Cognex Corporation stock or any similar type of instrument or contract for which the underlying basis is the future price of Cognex Corporation stock (â€œDerivativesâ€). An exchange-traded option is the right either to buy or to sell Cognex stock at a fixed price before the optionâ€™s expiration date. An exchange-traded option that gives right to buy Cognex stock is a call option, and an exchange- traded option that gives a right to sell Cognex stock is a put option. Any Cognoid found to be trading in Derivatives for Cognex stock is subject to disciplinary action including immediate termination. 4.0 PROHIBITED ACTIVITIES OF KNOWN INSIDERS In addition to the prohibited activities detailed above for Insiders, Known Insiders are prohibited from engaging in the following activities: 4.1 Pledging any Cognex Corporation securities as collateral for a loan unless the pledge has been approved by the Compensation Committee of the Cognex Corporation Board of Directors. 4.2 Giving or making any other transfer of Cognex Corporation securities without consideration (e.g., a gift) during a period when the Known Insider is not permitted to transact in Cognex Corporation securities. 4.3 Selling any Cognex Corporation securities of the same class during the six months following the purchase, or purchasing any Cognex Corporation securities of the same class during the six months following the sale. 5.0 PRE-CLEARANCE AND REPORTING OF TRANSACTIONS 5.1 All Known Insiders must receive pre-clearance from Cognexâ€™s Chief Legal Officer or his or her designee (or if our Chief Legal Officer is the requestor, Cognexâ€™s Chief Financial Officer or his or her designee) prior to engaging in any transaction(s) in Cognex Corporation securities (even when Cognex is not in a quiet period). A request for preclearance to engage in transactions involving Cognex Corporation securities should be submitted to our Chief Legal Officer via email no more than two business days in advance of the proposed transaction or Open Order. Clearance of a transaction does not constitute a recommendation by Cognex or any Cognoid that you engage in the proposed transaction. When a request for preclearance is made, the Known Insider should summarize the details of the proposed transaction and confirm in the request that he or she (i) has reviewed this Policy; and (ii) is not aware of any Material Non-Public Information. If our Chief Legal Officer grants preclearance, the Known Insider may make the trade or enter into an Open Order at any time within, but not after, two trading days of receipt of preclearance. If the Known Insider becomes aware of Material Non-Public Information before the transaction is completed (whether through an Open Order or otherwise), the preclearance shall be void and the transaction must not be completed. If permission to engage in the transaction is denied, the Known Insider must refrain from initiating any transaction in Cognex Corporation securities and may not inform any other person of the denial. 5.2 Directors and those Cognoids designated by the Cognex Board of Directors as â€œexecutive officersâ€ for SEC reporting purposes (â€œReporting Insidersâ€) are obligated to file certain reports with the SEC when they engage in transactions involving Cognex Corporation securities. Reporting Insiders are required to report to the Chief Legal Officer or Â Insider Trading Policy Version: 3.0 Page: 4 of 6 Cognexâ€™s Equity Manager any transaction (including any transactions pursuant to a Rule 10b5-1 Plan) in Cognex Corporation securities by them within one business day of the day in which the transaction occurs. The Reporting Insider retains responsibility for these reports regardless of who assists in their preparation and filing. 6.0 QUIET PERIODS; RULE 10B5-1 TRADING PLANS 6.1 From time-to-time, the Chief Legal Officer or his designee, at his or her discretion, may notify Insiders that they are subject to a Cognex-designated â€œquiet period.â€ Such Insiders and all Known Insiders are prohibited from transacting in Cognex Corporation securities during quiet periods, including under Open Orders (other than under an Approved Rule 10b5-1 Trading Plan). The current quiet period schedule is detailed in Appendix B. 6.2 The prohibition set forth in Section 6.1 does not apply to the exercise of stock options with no associated sale of the underlying stock. It does apply, however, to the use of outstanding Cognex Corporation securities to constitute part or all of the exercise price of a stock option, any same day sale of an option, or any other market sale. For purposes of this Section 6.2, â€œsame day saleâ€ of a stock option means the exercise of a stock option simultaneously with the sale of the underlying Cognex Corporation stock. As a result, the person does not use his or her cash to exercise a stock option, and instead receives the net proceeds from the transaction. 6.3 Cognex Corporation securities may be purchased or sold by Known Insiders without complying with the procedures set forth in Sections 6.1 and 6.2 under a pre-existing written plan, contract or instruction that satisfies the requirements of Rule 10b5-1 under the Securities Exchange Act of 1934, as amended (an â€œApproved Rule 10b5-1 Planâ€) that: â€¢ has been pre-approved by Cognexâ€™s Chief Legal Officer or his or her designee, before adopted (and, if modified, such modifications have been reviewed and approved by our Chief Legal Officer or his or her designee); â€¢ was adopted (and amended, if applicable) outside of a quiet period; â€¢ provides that no trades may occur thereunder until expiration of the applicable cooling-off period specified in Rule 10b5-1(c)(ii)(B), and no trades occur until after such cooling-off period; â€¢ was entered into in good faith by the Known Insider, and not as part of a plan or scheme to evade the prohibitions of Rule 10b5-1, at a time when the Known Insider is not in possession of Material Non- Public Information; and, if the Known Insider is a Director or Officer, includes representations certifying to that effect; â€¢ gives a third party the discretionary authority to execute purchases and sales, outside of the Known Insiderâ€™s control, so long as such third party does not possess any Material Non-Public Information; or explicitly specifies the securities to be purchased or sold, the number of shares, the prices and/or dates of transactions, or other formula(s) describing such transactions; â€¢ allows for only one Rule 10b5-1 Plan designed to effect the open-market purchase or sale of the total amount of securities as a single transaction (a single-trade plan) to be maintained by the Known Insider with a 12-month period; and â€¢ is the only outstanding Rule 10b5-1 Plan entered into by the Known Insider (subject to the exceptions set out in Rule 10b5-1(c)(ii)(D)). 6.4 The Known Insider should instruct the third party effecting such transactions on its behalf under an Approved 10b5- 1 Plan to send duplicate confirmations of all transactions to Cognexâ€™s Equity Manager. 7.0 INDIVIDUAL RESPONSIBILITY Insiders are responsible for complying with this Policy and all applicable securities laws. Insiders are expected to exercise judgment prior to any transaction in Cognex Corporation securities. Each Director and Cognoid is responsible for ensuring Â Insider Trading Policy Version: 3.0 Page: 5 of 6 compliance with this Policy by his or her Affiliated Persons. In all cases, the responsibility for determining whether an Insider is in possession of Material Non-Public Information rests with that individual, and any action on the part of Cognex or any Cognoid pursuant to this Policy does not in any way constitute legal advice or insulate an individual from liability under applicable securities laws. Insiders may have to delay a proposed transaction in Cognex Corporation securities even if they planned to make the transaction before learning of Material Non-Public Information and even though they believe they may suffer an economic loss or miss a profit by waiting. 8.0 COMPLIANCE; REPORTING VIOLATIONS 8.1 Any Cognoid, regardless of position or title, who violates any provision of this Policy may be subject to disciplinary action, up to and including termination of employment. 8.2 A person who violates insider trading laws by engaging in transactions in a companyâ€™s securities when he or she has Material Non-Public Information can be sentenced to a substantial jail term and required to pay a criminal penalty of several times the amount of profit gained or loss avoided. In addition, a person who recommends that another person trade based on Material Non-Public Information may also be liable for transactions by the person to whom he or she has disclosed Material Non-Public Information. The SEC can also seek substantial civil penalties from any person who, at the time of an insider trading violation, â€œdirectly or indirectly controlled the person who committed such violation.â€ 8.3 If any Director or Cognoid violates this Policy or any federal or state laws governing insider trading, or know of any such violation by any Insider, such person must report the violation immediately to the Chief Legal Officer or his or her designee (508-650-3000), or by submitting a complaint via Cognexâ€™s third-party â€œIntegrity Hotline,â€ which provides both phone-based and online anonymous reporting options (www.cognex.com/hotline). Such person may also raise the matter with the Chairman of the Audit Committee of our Board of Directors by U.S. mail to Audit Committee Chairman, Cognex Corporation, One Vision Drive, Natick, MA 01760. 9.0 ADMINISTRATION 9.1 Cognex reserves the right to change, modify, or delete the provisions of this Policy without notice. 9.2 The Legal Department is responsible for the administration of this Policy. All Cognoids are responsible for consulting and complying with the most current version of this Policy. If you have any questions about this Policy, please contact the Legal Department. APPENDIX A: LIST OF KNOWN INSIDERS This list is separately posted on the Investor Relations section of Cognexâ€™s 1 Vision Intranet. Any change to the list of Known Insiders will be communicated via posting on the Investor Relations section of Cognexâ€™s 1 Vision Intranet. APPENDIX B: QUIET PERIOD SCHEDULE This schedule is separately posted on the Investor Relations section of Cognexâ€™s 1 Vision Intranet. Any change to the quiet period schedule will be communicated via posting on the Investor Relations section of Cognexâ€™s 1 Vision Intranet. Â Insider Trading Policy Version: 3.0 Page: 6 of 6 DOCUMENT TRACKING Policy Name Insider Trading Policy Policy Version V3.0 2024_December Policy Scope All Cognoids and Directors Policy Applicability All Cognex entities worldwide Policy Owner Legal Department Policy Review Frequency Every Three Years Policy Original Effective Date June 12, 2012 Policy Latest Revision Date December 16, 2024 Revision History Date M/D/Y Ver. Author Nature of Change 06/12/2012 V1.0 Investor Relations New Policy 10/27/2020 V2.0 Mark Fennell Updated Policy to align with Cognex practices 12/16/2024 V3.0 Mark Fennell Updated Policy to modernize and reflect current regulations Â EX-21 3 cgnx-20241231xexhibit21.htm EX-21 DocumentEXHIBIT 21COGNEX CORPORATIONSUBSIDIARIES OF THE REGISTRANTAs of December 31, 2024, the registrant had the following direct and indirect subsidiaries, the financial statements of which are all included in the consolidated financial statements of the registrant:NAME OF SUBSIDIARYSTATE/COUNTRY OF INCORPORATIONPERCENT OWNERSHIPCognex Canada, Inc.Delaware100%Cognex Canada Technology, Inc.California100%Cognex EnShape GmbHGermany100%Cognex Europe B.V.Netherlands100%Cognex Europe, Inc.Delaware100%Cognex Foreign Sales CorporationBarbados100%Cognex Germany, Inc.Massachusetts100%Cognex Germany Aachen GmbHGermany100%Cognex Goruntu Sistemleri Satis ve Ticaret Limited SirketiTurkey100%Cognex Hungary Kft.Hungary100%Cognex International, Inc.Delaware100%Cognex Ireland Ltd.Ireland100%Cognex K.K.Japan100%Cognex Korea Co., Ltd.South Korea100%Cognex, Ltd.Ireland100%Cognex Malaysia Sdn. Bhd.Malaysia100%Cognex Mexico S. de R.L. de C.V. Mexico100%Cognex Poland sp. z.o.o.Poland100%Cognex Representacao Comercial E Participacoes Ltda.Brazil100%Cognex Sensors India Private LimitedIndia100%Cognex Services, Inc.Delaware100%Cognex Service Ltd.Ireland100%Cognex Singapore, Inc.Delaware100%Cognex Switzerland GmbHSwitzerland100%Cognex Taiwan, Inc.Delaware100%Cognex Technology and Investment LLCCalifornia100%Cognex UK, Ltd.United Kingdom100%Cognex Vietnam Company Ltd.Vietnam100%Cognex Vision Inspection System (Shanghai) Co., Ltd.China100%Cognex Vision Spain, S.L.Spain100%Cognex Vision (Thailand) LimitedThailand100%Vision Drive, Inc.Delaware100%One Vision Drive LLC Massachusetts100%SAC Sirius Advanced Cybernetics GmbHGermany100%Cognex Singapore Manufacturing PTE. Ltd.Singapore100%MV Ltd.Hong Kong100%MV Japan Co., Ltd.Japan100%Moritex CorporationJapan100%MORITEX North America Inc.California100%Moritex Asia Co., Ltd.Hong Kong100%Moritex Technologies (Shenzhen) Co., Ltd.China100%Moritex Asia Pacific PTE., Ltd.Singapore100%Moritex Vietnam Co., Ltd.Vietnam100% EX-23.1 4 cgnx-20241231xexhibit231.htm EX-23.1 DocumentEXHIBIT 23.1CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRMWe have issued our reports dated February 13, 2025, with respect to the consolidated financial statements and internal control over financial reporting included in the Annual Report of Cognex Corporation on Form 10-K for the year ended December 31, 2024. We consent to the incorporation by reference of said reports in the Registration Statements of Cognex Corporation on Forms S-8, including post-effective amendments (File No. 333-271685, 333-150315; 333-206081, 333-224716, and 333-100709). /s/ GRANT THORNTON LLPBoston, MassachusettsFebruaryÂ 13, 2025 EX-31.1 5 cgnx-20241231xexhibit311.htm EX-31.1 DocumentEXHIBIT 31.1CERTIFICATIONI, Robert J. Willett, certify that:1I have reviewed this Annual Report on Form 10-K of Cognex Corporation;2Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;3Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;4The registrantâ€™s other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:(a)Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;(b)Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;(c)Evaluated the effectiveness of the registrantâ€™s disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and(d)Disclosed in this report any change in the registrantâ€™s internal control over financial reporting that occurred during the registrantâ€™s most recent fiscal quarter (the registrantâ€™s fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrantâ€™s internal control over financial reporting; and5The registrantâ€™s other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrantâ€™s auditors and the audit committee of the registrantâ€™s board of directors (or persons performing the equivalent functions):(a)All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrantâ€™s ability to record, process, summarize and report financial information; and(b)Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrantâ€™s internal control over financial reporting.Date:February 13, 2025Â Â By:Â /s/ Robert J. WillettÂ Â Â Robert J. WillettÂ Â Â President and Chief Executive Officer(Principal Executive Officer) EX-31.2 6 cgnx-20241231xexhibit312.htm EX-31.2 DocumentEXHIBIT 31.2CERTIFICATIONI, Dennis Fehr, certify that:1I have reviewed this Annual Report on Form 10-K of Cognex Corporation;2Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;3Based on my knowledge, the financial statements, and other financial

information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;4The registrantâ€™s other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:(a)Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;(b)Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;(c)Evaluated the effectiveness of the registrantâ€™s disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and(d)Disclosed in this report any change in the registrantâ€™s internal control over financial reporting that occurred during the registrantâ€™s most recent fiscal quarter (the registrantâ€™s fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrantâ€™s internal control over financial reporting; and5The registrantâ€™s other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrantâ€™s auditors and the audit committee of the registrantâ€™s board of directors (or persons performing the equivalent functions):(a)All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrantâ€™s ability to record, process, summarize and report financial information; and(b)Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrantâ€™s internal control over financial reporting.Date:February 13, 2025Â Â By:Â /s/ Dennis FehrÂ Â Â Dennis FehrÂ Â Â Senior Vice President of Finance and Chief Financial Officer(Principal Financial Officer) EX-32.1 7 cgnx-20241231xexhibit321.htm EX-32.1 DocumentEXHIBIT 32.1*CERTIFICATION PURSUANT TO18 U.S.C. 1350,AS ADOPTED PURSUANT TOSECTION 906 OF THE SARBANES-OXLEY ACT OF 2002The undersigned officer of Cognex Corporation (the â€œCompanyâ€) hereby certifies to his knowledge that the Companyâ€™s Annual Report on Form 10-K for the year ended DecemberÂ 31, 2024 (the â€œReportâ€), as filed with the Securities and Exchange Commission on the date hereof, fully complies with the requirements of SectionÂ 13(a) or 15(d), as applicable, of the Securities Exchange Act of 1934, as amended, and that the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.Â Date:February 13, 2025Â Â By:Â /s/ Robert J. WillettÂ Â Â Robert J. WillettÂ Â Â President and Chief Executive Officer (Principal Executive Officer)Â *This certification shall not be deemed â€œfiledâ€ for purposes of SectionÂ 18 of the Securities Exchange Act of 1934, or otherwise subject to the liability of that section, nor shall it be deemed to be incorporated by reference into any filing under the Securities Act of 1933 or the Securities Exchange Act of 1934. EX-32.2 8 cgnx-20241231xexhibit322.htm EX-32.2 DocumentEXHIBIT 32.2*CERTIFICATION PURSUANT TO18 U.S.C. 1350,AS ADOPTED PURSUANT TOSECTION 906 OF THE SARBANES-OXLEY ACT OF 2002The undersigned officer of Cognex Corporation (the â€œCompanyâ€) hereby certifies to his knowledge that the Companyâ€™s Annual Report on Form 10-K for the year ended DecemberÂ 31, 2024 (the â€œReportâ€), as filed with the Securities and Exchange Commission on the date hereof, fully complies with the requirements of SectionÂ 13(a) or 15(d), as applicable, of the Securities Exchange Act of 1934, as amended, and that the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.Â Date:February 13, 2025Â Â By:Â /s/ Dennis FehrÂ Â Â Dennis FehrÂ Â Â Senior Vice President of Finance and Chief Financial Officer (Principal Financial Officer)Â *This certification shall not be deemed â€œfiledâ€ for purposes of SectionÂ 18 of the Securities Exchange Act of 1934, or otherwise subject to the liability of that section, nor shall it be deemed to be incorporated by reference into any filing under the Securities Act of 1933 or the Securities Exchange Act of 1934. EX-101.SCH 9 cgnx-20241231.xsd XBRL TAXONOMY EXTENSION SCHEMA DOCUMENT 0000001 - Document - Cover Page link:presentationLink link:calculationLink link:definitionLink 0000002 - Document - Audit Information link:presentationLink link:calculationLink link:definitionLink 9952151 - Statement - CONSOLIDATED STATEMENTS OF OPERATIONS link:presentationLink link:calculationLink link:definitionLink 9952152 - Statement - CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME link:presentationLink link:calculationLink link:definitionLink 9952153 - Statement - CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (Parenthetical) link:presentationLink link:calculationLink link:definitionLink 9952154 - Statement - CONSOLIDATED BALANCE SHEETS link:presentationLink link:calculationLink link:definitionLink 9952155 - Statement - CONSOLIDATED BALANCE SHEETS (Parenthetical) link:presentationLink link:calculationLink link:definitionLink 9952156 - Statement - CONSOLIDATED STATEMENTS OF CASH FLOWS link:presentationLink link:calculationLink link:definitionLink 9952157 - Statement - CONSOLIDATED STATEMENTS OF SHAREHOLDERS' EQUITY link:presentationLink link:calculationLink link:definitionLink 9952158 - Statement - CONSOLIDATED STATEMENTS OF SHAREHOLDERS' EQUITY (Parenthetical) link:presentationLink link:calculationLink link:definitionLink 9952159 - Disclosure - Summary of Significant Accounting Policies link:presentationLink link:calculationLink link:definitionLink 9952160 - Disclosure - New Pronouncements link:presentationLink link:calculationLink link:definitionLink 9952161 - Disclosure - Fair Value Measurements link:presentationLink link:calculationLink link:definitionLink 9952162 - Disclosure - Cash, Cash Equivalents, and Investments link:presentationLink link:calculationLink link:definitionLink 9952163 - Disclosure - Inventories link:presentationLink link:calculationLink link:definitionLink 9952164 - Disclosure - Property, Plant, and Equipment link:presentationLink link:calculationLink link:definitionLink 9952165 - Disclosure - Leases Leases link:presentationLink link:calculationLink link:definitionLink 9952166 - Disclosure - Goodwill link:presentationLink link:calculationLink link:definitionLink 9952167 - Disclosure - Intangible Assets link:presentationLink link:calculationLink link:definitionLink 9952168 - Disclosure - Accrued Expenses link:presentationLink link:calculationLink link:definitionLink 9952169 - Disclosure - Commitments and Contingencies link:presentationLink link:calculationLink link:definitionLink 9952170 - Disclosure - Indemnification Provisions link:presentationLink link:calculationLink link:definitionLink 9952171 - Disclosure - Derivative Instruments link:presentationLink link:calculationLink link:definitionLink 9952172 - Disclosure - Revenue Recognition link:presentationLink link:calculationLink link:definitionLink 9952173 - Disclosure - Shareholders' Equity link:presentationLink link:calculationLink link:definitionLink 9952174 - Disclosure - Stock-Based Compensation link:presentationLink link:calculationLink link:definitionLink 9952175 - Disclosure - Employee Savings Plan link:presentationLink link:calculationLink link:definitionLink 9952176 - Disclosure - Income Taxes link:presentationLink link:calculationLink link:definitionLink 9952177 - Disclosure - Weighted Average Shares link:presentationLink link:calculationLink link:definitionLink 9952178 - Disclosure - Segment and Geographic Information link:presentationLink link:calculationLink link:definitionLink 9952179 - Disclosure - Business Acquisitions link:presentationLink link:calculationLink link:definitionLink 9952180 - Disclosure - Loss from Fire link:presentationLink link:calculationLink link:definitionLink 9952181 - Disclosure - Subsequent Events link:presentationLink link:calculationLink link:definitionLink 9952182 - Disclosure - Schedule II - Valuation and Qualifying Accounts link:presentationLink link:calculationLink link:definitionLink 9955511 - Disclosure - Summary of Significant Accounting Policies (Policies) link:presentationLink link:calculationLink link:definitionLink 9955512 - Disclosure - Fair Value Measurements (Tables) link:presentationLink link:calculationLink link:definitionLink 9955513 - Disclosure - Cash, Cash Equivalents, and Investments (Tables) link:presentationLink link:calculationLink link:definitionLink 9955514 - Disclosure - Inventories (Tables) link:presentationLink link:calculationLink link:definitionLink 9955515 - Disclosure - Property, Plant, and Equipment (Tables) link:presentationLink link:calculationLink link:definitionLink 9955516 - Disclosure - Leases (Tables) link:presentationLink link:calculationLink link:definitionLink 9955517 - Disclosure - Goodwill (Tables) link:presentationLink link:calculationLink link:definitionLink 9955518 - Disclosure - Intangible Assets (Tables) link:presentationLink link:calculationLink link:definitionLink 9955519 - Disclosure - Accrued Expenses (Tables) link:presentationLink link:calculationLink link:definitionLink 9955520 - Disclosure - Derivative Instruments (Tables) link:presentationLink link:calculationLink link:definitionLink 9955521 - Disclosure - Revenue Recognition (Tables) link:presentationLink link:calculationLink link:definitionLink 9955522 - Disclosure - Stock-Based Compensation (Tables) link:presentationLink link:calculationLink link:definitionLink 9955523 - Disclosure - Income Taxes (Tables) link:presentationLink link:calculationLink link:definitionLink 9955524 - Disclosure - Weighted Average Shares (Tables) link:presentationLink link:calculationLink link:definitionLink 9955525 - Disclosure - Segment and Geographic Information (Tables) link:presentationLink link:calculationLink link:definitionLink 9955526 - Disclosure - Business Acquisitions - (Tables) link:presentationLink link:calculationLink link:definitionLink 9955527 - Disclosure - Summary of Significant Accounting Policies - Additional Information (Detail) link:presentationLink link:calculationLink link:definitionLink 9955528 - Disclosure - Summary of Significant Accounting Policies - Intangible Assets (Details) link:presentationLink link:calculationLink link:definitionLink 9955529 - Disclosure - Summary of Significant Accounting Policies - Warranty (Details) link:presentationLink link:calculationLink link:definitionLink 9955530 - 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Disclosure - Property, Plant and Equipment - Additional Information (Details) link:presentationLink link:calculationLink link:definitionLink 9955543 - Disclosure - Leases (Details) link:presentationLink link:calculationLink link:definitionLink 9955544 - Disclosure - Leases - Schedule of Payments (Details) link:presentationLink link:calculationLink link:definitionLink 9955545 - Disclosure - Goodwill - Changes in the Carrying Value of Goodwill (Detail) link:presentationLink link:calculationLink link:definitionLink 9955546 - Disclosure - Intangible Assets - Amortized Intangible Assets (Detail) link:presentationLink link:calculationLink link:definitionLink 9955547 - Disclosure - Intangible Assets - Narrative (Details) link:presentationLink link:calculationLink link:definitionLink 9955548 - Disclosure - Intangible Assets - Estimated Amortization Expense Succeeding Fiscal Years (Detail) link:presentationLink link:calculationLink link:definitionLink 9955549 - Disclosure - Accrued Expenses - Constituents of Accrued Expenses (Detail) link:presentationLink link:calculationLink link:definitionLink 9955550 - 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Disclosure - Stock-Based Compensation Expense - Weighted-Average Assumptions Used in Estimating Fair Values of Stock Options Granted (Detail) link:presentationLink link:calculationLink link:definitionLink 9955565 - Disclosure - Stock-Based Compensation Expense - Summary of Restricted Stock Option Activity (Detail) link:presentationLink link:calculationLink link:definitionLink 9955566 - Disclosure - Stock-Based Compensation Expense - Stock-Based Compensation Expense (Detail) link:presentationLink link:calculationLink link:definitionLink 9955567 - Disclosure - Stock-Based Compensation - Schedule of Performance Restricted Stock Units (Details) link:presentationLink link:calculationLink link:definitionLink 9955568 - Disclosure - Employee Savings Plan - Additional Information (Detail) link:presentationLink link:calculationLink link:definitionLink 9955569 - Disclosure - Income Taxes - Additional Information (Details) link:presentationLink link:calculationLink link:definitionLink 9955570 - Disclosure - Income Taxes - Constituents of Provision for Income Taxes (Details) link:presentationLink link:calculationLink link:definitionLink 9955571 - Disclosure - Income Taxes - Reconciliation of the United States Federal Statutory Corporate Tax Rate to Company's Effective Tax Rate or Income Tax Provision (Details) link:presentationLink link:calculationLink link:definitionLink 9955572 - Disclosure - Income Taxes - Changes in the Reserve for Income Taxes, Excluding Interest and Penalties (Details) link:presentationLink link:calculationLink link:definitionLink 9955573 - Disclosure - Income Taxes - Constituents of Deferred Tax Assets (Details) link:presentationLink link:calculationLink link:definitionLink 9955574 - Disclosure - Weighted Average Shares - Calculation of Weighted Average Shares (Detail) link:presentationLink link:calculationLink link:definitionLink 9955575 - Disclosure - Weighted Average Shares - Additional Information (Detail) link:presentationLink link:calculationLink link:definitionLink 9955576 - Disclosure - Segment and Geographic Information - Additional Information (Detail) link:presentationLink link:calculationLink link:definitionLink 9955577 - Disclosure - Segment and Geographic Information - Schedule of Revenue from External Customers and Long-Lived Assets, by Geographical Areas (Detail) link:presentationLink link:calculationLink link:definitionLink 9955578 - Disclosure - Segment and Geographic Information - Disaggregation of Segment Expenses (Details) link:presentationLink link:calculationLink link:definitionLink 9955579 - Disclosure - Business Acquisitions - Moritex Narrative (Details) link:presentationLink link:calculationLink link:definitionLink 9955580 - Disclosure - Business Acquisitions - Moritex Purchase Price Allocation (Details) link:presentationLink link:calculationLink link:definitionLink 9955581 - Disclosure - Loss from Fire (Details) link:presentationLink link:calculationLink link:definitionLink 9955582 - Disclosure - Subsequent Events - (Details) link:presentationLink link:calculationLink link:definitionLink 9955583 - Disclosure - Schedule II -Valuation and Qualifying Accounts (Detail) link:presentationLink link:calculationLink link:definitionLink EX-101.CAL 10 cgnx-20241231_cal.xml XBRL TAXONOMY EXTENSION CALCULATION LINKBASE DOCUMENT EX-101.DEF 11 cgnx-20241231_def.xml XBRL TAXONOMY EXTENSION DEFINITION LINKBASE DOCUMENT EX-101.LAB 12 cgnx-20241231_lab.xml XBRL TAXONOMY EXTENSION LABEL LINKBASE DOCUMENT Total intrinsic values of stock options exercised Shares Based Compensation Arrangement By Shares Based Payment Award Options Exercised Intrinsic Value Shares based compensation arrangement by shares based payment award options exercised intrinsic value. Options vested or expected to vest, weighted-average remaining contractual term (in years) Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Outstanding, Weighted Average Remaining Contractual Term Adjustments to reconcile net income to net cash provided by operating activities: Adjustments to Reconcile Net Income (Loss) to Cash Provided by (Used in) Operating Activities [Abstract] Share Repurchase Program, Remaining Authorized, Amount Share Repurchase Program, Remaining Authorized, Amount Cover [Abstract] Cover [Abstract] Product Liability Contingency [Table] Product Liability Contingency [Table] Thereafter Lessee, Operating Lease, Liability, to be Paid, after Year Five Net change in cash and cash equivalents Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Period Increase (Decrease), Including Exchange Rate Effect Taxation on multinational operations Effective Income Tax Rate Reconciliation, Taxation on Multinational Operations, Percent Effective Income Tax Rate Reconciliation, Taxation on Multinational Operations, Percent Schedule of lease payments Lessee, Operating Lease, Liability, to be Paid, Maturity [Table Text Block] Inventory and revenue related Deferred Tax Assets, Inventory Income Tax Jurisdiction [Domain] Income Tax Jurisdiction [Domain] Mexican Peso [Member] Mexico, Pesos Trading Symbol Trading Symbol Cash and Cash Equivalent [Table] Cash and Cash Equivalent [Table] Derivative Asset, Fair Value, Gross Asset Derivative Asset, Subject to Master Netting Arrangement, before

Offset Non-NEOs Non-NEOs [Member] Income tax benefit recognized related to stock-based compensation expense Share-Based Payment Arrangement, Expense, Tax Benefit Compensation expense capitalized Employee Service Share Based Compensation Recognized Period Costs Capitalized Amount Employee service share based compensation recognized period costs capitalized amount. Goodwill Goodwill and Intangible Assets, Goodwill, Policy [Policy Text Block] Net Rentable Area Net Rentable Area Short-term Investments [Member] Short-Term Investments [Member] Accounts receivable Increase (Decrease) in Accounts Receivable Net Income Per Share Earnings Per Share, Policy [Policy Text Block] Investment Duration [Domain] Investment Duration [Domain] Investment Duration [Domain] Inventories Inventory, Policy [Policy Text Block] Non-Rule 10b5-1 Arrangement Adopted Non-Rule 10b5-1 Arrangement Adopted [Flag] Completed technologies Completed Technology [Member] Completed Technology [Member] Proceeds from Stock Options Exercised Proceeds from Stock Options Exercised Fair Value Measurements Fair Value Disclosures [Text Block] Land [Member] Land [Member] Other Deferred Tax Assets Other Noncurrent Deferred tax assets other non current. Net unrealized gain (loss), net of tax of $1,245, $4,389, and $(5,943) in 2024, 2023, and 2022, respectively OCI, Debt Securities, Available-for-Sale, Unrealized Holding Gain (Loss), before Adjustment, after Tax Award Timing Disclosures [Line Items] Gains (losses) recognized in net income Derivative, Gain (Loss) on Derivative, Net Allowance for Credit Loss Financing Receivable, Allowance for Credit Loss [Table Text Block] Schedule of Share-based Compensation, Shares Authorized under Stock Option Plans, by Exercise Price Range [Table] Share-Based Payment Arrangement, Option, Exercise Price Range [Table] Tax reserves Effective Income Tax Rate Reconciliation, Tax Reserves, Percent Effective Income Tax Rate Reconciliation, Tax Reserves, Percent Revenue from Contract with Customer [Abstract] Revenue from Contract with Customer [Abstract] SEC Schedule, 12-09, Valuation Allowances and Reserves Type [Axis] SEC Schedule, 12-09, Valuation Allowances and Reserves Type [Axis] Plan Name [Domain] Plan Name [Domain] United States [Member] UNITED STATES Effect of dilutive stock options Weighted Average Number of Shares Outstanding, Diluted, Adjustment Other assets Other Assets, Noncurrent New Accounting Pronouncements or Change in Accounting Principle [Table] Leases [Abstract] Gross Carrying Value Finite-Lived Intangible Assets, Gross Antidilutive Securities, Name [Domain] Antidilutive Securities, Name [Domain] Repurchase Program March 2022 Repurchase Program March 2022 [Member] Repurchase Program March 2022 Corporate Bonds [Member] Corporate Bond Securities [Member] Net cash provided by operating activities Net Cash Provided by (Used in) Operating Activities Cash flows from operating activities: Net Cash Provided by (Used in) Operating Activities [Abstract] Operating Loss Carryforward Operating Loss Carryforward [Member] Operating Loss Carryforward Intangible asset in connection with change in tax structure Deferred Tax Assets, Intangible Asset, Change in Tax Structure Deferred Tax Assets, Intangible Asset, Change in Tax Structure Employee Service Share-based Compensation, Allocation of Recognized Period Costs [Line Items] Share-Based Payment Arrangement, Expensed and Capitalized, Amount [Line Items] Award Timing Method Award Timing Method [Text Block] Trading Arrangements, by Individual Trading Arrangements, by Individual [Table] Measurement Frequency [Axis] Measurement Frequency [Axis] Revenue Recognition and Deferred Revenue [Abstract] Entity Common Stock, Shares Outstanding Entity Common Stock, Shares Outstanding Insider Trading Policies and Procedures [Line Items] Money market instruments Money Market Instruments Fair Value Disclosure Money market instruments fair value disclosure. Use of Estimates in the Preparation of Financial Statements Use of Estimates, Policy [Policy Text Block] Foreign exchange rate changes Accounts Receivable, Allowance For Credit Loss, Foreign Exchange Rate Adjustment Accounts Receivable, Allowance For Credit Loss, Foreign Exchange Rate Adjustment Adjustment to Compensation, Amount Adjustment to Compensation Amount Additional paid-in capital Additional Paid in Capital, Common Stock Payables and Accruals [Abstract] Payables and Accruals [Abstract] Compensation Amount Outstanding Recovery Compensation Amount Purchase order outstanding Purchase Commitment, Remaining Minimum Amount Committed Aggregate Change in Present Value of Accumulated Benefit for All Pension Plans Reported in Summary Compensation Table Aggregate Change in Present Value of Accumulated Benefit for All Pension Plans Reported in Summary Compensation Table [Member] 1-2 Years Available For Sale Securities Debt Maturities After One Year Before Two Years Fair Value This item represents the fair value of debt securities which are expected to mature within one year of the balance sheet date and which are categorized neither as held-to-maturity nor trading securities. Net change related to available-for-sale investments Other Comprehensive Income (Loss), Available-for-Sale Securities Adjustment, Net of Tax, Portion Attributable to Parent Entity Small Business Entity Small Business Accrued Expenses Accounts Payable and Accrued Liabilities Disclosure [Text Block] Company Selected Measure Amount Company Selected Measure Amount Aachen Germany Aachen Germany [Member] Aachen Germany Tabular List, Table Tabular List [Table Text Block] Unobservable Inputs (Level 3) Fair Value, Inputs, Level 3 [Member] Deductions SEC Schedule, 12-09, Valuation Allowances and Reserves, Deduction Share-based Compensation Arrangement by Share-based Payment Award [Line Items] Share-Based Compensation Arrangement by Share-Based Payment Award [Line Items] Gross Loss from Catastrophes Gross Loss from Catastrophes Gross Loss from Catastrophes Accrued expenses Accrued expenses Accrued Liabilities, Current Stock options to purchase anti-dilutive common stock Antidilutive Securities Excluded from Computation of Earnings Per Share, Amount Customer 2 [Member] Customer 2 [Member] Customer 2 Goodwill Goodwill, Beginning Balance Goodwill, Ending Balance Goodwill Beginning balance Ending balance Accounts Receivable, Allowance for Credit Loss Cash used to fund tax payments Payment, Tax Withholding, Share-Based Payment Arrangement Repurchase of authorized common stock Share Repurchase Program, Authorized, Amount Inventories Inventory Disclosure [Text Block] Fulfillment of warranty obligations Standard and Extended Product Warranty Accrual, Decrease for Payments Employee Stock Option [Member] Stock Compensation Plan [Member] Share-Based Payment Arrangement, Option [Member] Foreign Exchange Forward Foreign Exchange Forward [Member] Lessee, Operating Lease, Components Lessee, Operating Lease, Components Lessee, Operating Lease, Components Depreciation of property, plant, and equipment Depreciation Insurance Recoveries, Lost Inventory And Other Losses Insurance Recoveries, Lost Inventory And Other Losses Insurance Recoveries, Lost Inventory And Other Losses 2025 Lessee, Operating Lease, Liability, to be Paid, Year One Other Expenses Other Expenses Antidilutive Security, Excluded EPS Calculation [Table] Antidilutive Security, Excluded EPS Calculation [Table] Total comprehensive income Comprehensive Income (Loss), Net of Tax, Attributable to Parent Accrued income taxes Accrued Income Taxes, Current Other Effective Income Tax Rate Reconciliation, Other Adjustments, Percent Municipal Bonds [Member] Municipal Bonds [Member] Distribution Rights [Member] Distribution Networks [Member] Distribution Rights [Member] Effective Maturity Dates of Available-for-Sale Investments Investments Classified by Contractual Maturity Date [Table Text Block] Award Type [Axis] Award Type [Axis] Deferred Tax Liabilities, Net Deferred Tax Liabilities, Net Schedule of Revenue from External Customers and Long-Lived Assets, by Geographical Areas Schedule of Revenue from External Customers and Long-Lived Assets, by Geographical Areas [Table Text Block] Foreign exchange rate changes Goodwill, Foreign Currency Translation Gain (Loss) Net Income per weighted-average common and common-equivalent share: Earnings Per Share, Basic [Abstract] Joerg Kuechen [Member] Joerg Kuechen Bonuses, commissions, and other compensation Deferred Tax Assets, Tax Deferred Expense, Compensation and Benefits, Other Work-in-process Inventory, Work in Process, Net of Reserves Property, plant, and equipment, net Property, plant and equipment, net, total Property, Plant and Equipment, Net ICFR Auditor Attestation Flag ICFR Auditor Attestation Flag Total liabilities Liabilities Cash dividends per common share (in dollars per share) Common Stock, Dividends, Per Share, Cash Paid Long-lived assets Long-Lived Assets Exercisable, weighted-average exercise price Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Exercisable, Weighted Average Exercise Price Common stock par value, in dollars per share Common Stock, Par or Stated Value Per Share Schedule of Share-based Compensation Arrangements by Share-based Payment Award [Table] Schedule of Share-Based Compensation Arrangements by Share-Based Payment Award [Table] Intangible assets, useful life Acquired Finite-Lived Intangible Assets, Weighted Average Useful Life Foreign Currency Foreign Currency Transactions and Translations Policy [Policy Text Block] Expiration Date Trading Arrangement Expiration Date Cash flows from investing activities: Net Cash Provided by (Used in) Investing Activities [Abstract] Operating lease liabilities Operating Lease, Liability, Current Total Shareholder Return Amount Total Shareholder Return Amount Goodwill, Other Increase (Decrease) Goodwill, Other Increase (Decrease) Nonvested Restricted Stock Shares Activity Nonvested Restricted Stock Shares Activity [Table Text Block] Equity Awards Adjustments, Footnote Equity Awards Adjustments, Footnote [Text Block] Canadian Dollar [Member] Canada, Dollars Loss from Catastrophes Loss from Catastrophes Estimated forfeiture rate for unvested options for senior management Estimated Forfeiture Rate For Unvested Options For Senior Management Estimated forfeiture rate for unvested options for senior management. Gross realized gains Debt Securities, Available-for-Sale, Realized Gain Manufacturing Test Equipment [Member] Equipment [Member] Subsequent Event [Line Items] Subsequent Event [Line Items] Property, plant and equipment, gross Property, Plant and Equipment, Gross Issuance of common stock under stock option plans, shares Exercised Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Exercises in Period Application-specific customer solutions Application of Customer Specific Solutions [Member] Application of Customer Specific Solutions [Member] Named Executive Officers, Footnote Named Executive Officers, Footnote [Text Block] Research, development, and engineering expenses Research and Development Expense [Member] Share-based Compensation Arrangement by Share-based Payment Award, Options, Outstanding, Weighted Average Exercise Price [Abstract] Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Weighted Average Exercise Price [Abstract] Reductions as a result of the expiration of the applicable statutes of limitations Unrecognized Tax Benefits, Reduction Resulting from Lapse of Applicable Statute of Limitations Net unrealized gain (loss) on available-for-sale investments, net of tax OCI, Debt Securities, Available-for-Sale, Gain (Loss), after Adjustment and Tax Diluted (in shares) Diluted weighted-average common and common-equivalent shares outstanding Weighted Average Number of Shares Outstanding, Diluted MNPI Disclosure Timed for Compensation Value MNPI Disclosure Timed for Compensation Value [Flag] Total shareholdersâ€™ equity Beginning Balance Balance Equity, Attributable to Parent Less than 1 Year Debt Securities, Available-for-Sale, Fair Value, Maturity, Allocated and Single Maturity Date, Year One Business Combinations [Abstract] Business Combinations [Abstract] Changes in the Carrying Value of Goodwill Schedule of Goodwill [Table Text Block] Selling, general, and administrative [Member] Selling General And Administrative [Member] Selling, general, and administrative. Concentration Risk Type [Domain] Concentration Risk Type [Domain] SEC Schedule, 12-09, Valuation Allowances and Reserves, Additions, Charge to Other Account SEC Schedule, 12-09, Valuation Allowances and Reserves, Additions, Charge to Other Account Selling, general, and administrative expenses Selling, general, and administrative expenses Selling, General and Administrative Expense Company contributions to employee savings plan Defined Contribution Plan, Cost Share-Based Compensation Arrangement by Share-Based Payment Award, Number of Shares Authorized Share-Based Compensation Arrangement by Share-Based Payment Award, Number of Shares Authorized Document Fiscal Period Focus Document Fiscal Period Focus All Executive Categories All Executive Categories [Member] Sales Returns and Allowances [Member] Sales Returns and Allowances [Member] 2026 Finite-Lived Intangible Asset, Expected Amortization, Year Two Changed Peer Group, Footnote Changed Peer Group, Footnote [Text Block] Outstanding, weighted-average remaining contractual term (in years) Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Weighted Average Remaining Contractual Term ASSETS Assets [Abstract] Minimum decrease in income tax expense due to release in reserves Minimum Decrease In Income Tax Expense Due To Release In Reserves Minimum decrease in income tax expense due to release in reserves. Expected dividend yield Share-Based Compensation Arrangement by Share-Based Payment Award, Fair Value Assumptions, Expected Dividend Rate Document Type Document Type Derivative Contract [Domain] Derivative Contract [Domain] Maximum contribution by company expressed as percentage of employee pre-tax salary Defined Contribution Plan, Maximum Annual Contributions Per Employee, Percent Internal-use Software Internal Use Software, Policy [Policy Text Block] Schedule of Segment Reporting Information, by Segment Schedule of Segment Reporting Information, by Segment [Table Text Block] Derivative Liability, Statement of Financial Position [Extensible Enumeration] Derivative Liability, Statement of Financial Position [Extensible Enumeration] Exercisable, weighted-average remaining contractual term (in years) Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Exercisable, Weighted Average Remaining Contractual Term Amortized Cost Debt Securities, Available-for-Sale, Amortized Cost Contract with Customer, Liability Contract with Customer, Contract Asset, Contract Liability, and Receivable [Table Text Block] Estimated Amortization Expense Succeeding Fiscal Years Schedule of Finite-Lived Intangible Assets, Future Amortization Expense [Table Text Block] Inventory, Current [Table] Inventory, Current [Table] Dividends Payable, Amount Per Share Dividends Payable, Amount Per Share Subsequent Event [Table] Subsequent Event [Table] Cash balance included foreign bank balance Due From Foreign Banks Due from foreign banks. Maximum [Member] Maximum [Member] Preferred stock, $0.01 par value - Authorized: 400 shares in 2024 and 2023, respectively, no shares issued and outstanding Preferred Stock, Value, Outstanding Equity Valuation Assumption Difference, Footnote Equity Valuation Assumption Difference, Footnote [Text Block] Net Carrying Value Finite-Lived Intangible Assets, Net Furniture and Fixtures [Member] Furniture and Fixtures [Member] Antidilutive Securities [Axis] Antidilutive Securities [Axis] Accounts payable Accounts Payable, Current China, Yuan Renminbi China, Yuan Renminbi Investment Type [Axis] Investment Type [Axis] Weighted-Average Assumptions Used in Estimating Fair Values of Stock Options Granted Schedule of Share-Based Payment Award, Stock Options, Valuation Assumptions [Table Text Block] Completed Technologies And Other Intangible Assets [Member] Completed Technologies And Other Intangible Assets [Member] Completed Technologies And Other Intangible Assets [Member] Range [Axis] Statistical Measurement [Axis] Non-Rule 10b5-1 Arrangement Terminated Non-Rule 10b5-1 Arrangement Terminated [Flag] Lessor, Lease, Description [Line Items] Lessor, Lease, Description [Line Items] Income before income tax expense Income before income tax expense Income (Loss) from Continuing Operations before Income Taxes, Noncontrolling Interest Non-PEO NEO Average Total Compensation Amount Non-PEO NEO Average Total Compensation Amount Incentive Compensation Expense, Bonus And Sales Commissions Incentive Compensation Expense, Bonus And Sales Commissions Incentive Compensation Expense, Bonus And Sales Commissions GILTI tax basis differences in connection with change in tax structure Deferred Tax Liabilities, Property, Plant and Equipment Name Outstanding Recovery, Individual Name Unusual or Infrequent Item, or Both [Line Items] Unusual or Infrequent Item, or Both [Line Items] Disaggregation of Revenue [Line Items] Disaggregation of Revenue [Line Items] Purchase price Business Combination, Recognized Identifiable Assets Acquired, Goodwill, and Liabilities Assumed, Net Money market instruments Money Market Funds, at Carrying Value GILTI tax basis differences Deferred Tax Liabilities, Tax Cuts And Jobs Act, Global Intangible Low Tax Income Deferred Tax Liabilities, Tax Cuts And Jobs Act, Global Intangible Low Tax Income Deferred Tax Liabilities, Tax Cuts And Jobs Act, Global Intangible Low Tax Income Lessee, Operating Lease, Option to Renew, Term of Contract Lessee, Operating Lease, Option to Renew, Term of Contract Award Timing Predetermined Award Timing Predetermined [Flag] Number of groups within the employee population Number Of Groups Within Employee Population Number of groups within employee population. Subsequent Event Type [Domain] Subsequent Event Type [Domain] Payment of dividends Payments of Ordinary Dividends, Common Stock Customer relationships Customer Relationships [Member] Forecast Forecast [Member] Net income (in dollars per share) Earnings Per Share, Diluted Domestic income from continuing operations before taxes Income (Loss) from Continuing Operations before Income Taxes, Domestic Deferred revenue and customer deposits Increase (Decrease) in Contract with Customer, Liability Current income tax expense (benefit), Total Current Income Tax Expense (Benefit) Restatement does not require Recovery Restatement Does Not Require Recovery [Text Block] Intangible Assets Intangible Assets, Finite-Lived, Policy [Policy Text Block] Switzerland, Francs Switzerland, Francs Retirement Benefits [Abstract] Retirement Benefits [Abstract] Percent of employee contribution Defined Contribution Plan, Employer Matching Contribution, Percent of Employees' Gross Pay Deferred tax liabilities: Deferred Tax Liabilities, Gross [Abstract] Preferred stock, shares issued (in shares) Preferred Stock, Shares Issued Foreign currency gain (loss) Gain (Loss), Foreign Currency Transaction, before Tax Customer [Axis] Customer [Axis] Statement of Financial Position [Abstract] Statement of Financial Position [Abstract] Asset-Backed Securities [Member] Asset-Backed Securities [Member] Sovereign bonds Sovereign Bonds Fair Value Disclosure Sovereign bonds fair value disclosure. Warranty obligations Product Warranty Accrual, Current Proceeds from Sale of Property, Plant, and Equipment Proceeds from Sale of Property, Plant, and Equipment Inventories acquired Inventories Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Inventory Income tax expense on continuing operations Income tax expense (benefit), continuing operations, Total Income Tax Expense (Benefit) Derivative, notional amount Derivative, Notional Amount Current investments, amortized cost of $60,725 and $132,799 in 2024 and 2023, respectively, allowance for credit losses of $0 in 2024 and 2023 Debt securities, available-for-sale, current Debt Securities, Available-for-Sale, Current Net amount of assets presented Net amount of assets presented Derivative Asset Forfeited or expired Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Forfeitures and Expirations in Period Shareholders' Equity Shareholders' Equity and Share-Based Payments [Text Block] Recognition period for unrecognized compensation expense Share-Based Payment Arrangement, Nonvested Award, Cost Not yet Recognized, Period for Recognition Revenue Revenue Revenue from Contract with Customer, Excluding Assessed Tax Deferred income taxes Deferred income tax assets (liabilities), net Deferred income tax assets (liabilities), net Statement of Comprehensive Income [Abstract] Statement of Comprehensive Income [Abstract] Net cash provided by (used in) investing activities Net Cash Provided by (Used in) Investing Activities Business Acquisition [Line Items] Business Acquisition [Line Items] Income Tax Jurisdiction [Axis] Income Tax Jurisdiction [Axis] Share-Based Compensation Arrangement by Share-Based Payment Award, Number of Additional Shares Authorized Share-Based Compensation Arrangement by Share-Based Payment Award, Number of Additional Shares Authorized All Adjustments to Compensation All Adjustments to Compensation [Member] Prepaid expenses and other current assets Increase (Decrease) in Prepaid Expense and Other Assets Derivative Instruments, Gain

(Loss) [Table] Derivative Instruments, Gain (Loss) [Table] Restructuring Charges Restructuring Charges Accumulated Other Comprehensive Income (Loss) [Line Items] Accumulated Other Comprehensive Income (Loss) [Line Items] Tax Credit Carryforward [Axis] Tax Credit Carryforward [Axis] Commitments and Contingencies Disclosure [Abstract] Commitments and Contingencies Disclosure [Abstract] Subsegments Consolidation Items [Domain] Subsegments Consolidation Items [Domain] Segment, General, And Engineering Expense Segment, General, And Engineering Expense [Member] Segment, General, And Engineering Expense Scenario, Unspecified [Domain] Scenario [Domain] Common stock, $0.002 par value â€" Authorized: 300,000 shares in 2024 and 2023, respectively, issued and outstanding: 170,434 and 171,599 shares in 2024 and 2023, respectively Common Stock, Value, Outstanding Entity Address, State or Province Entity Address, State or Province Derivative Instruments and Hedging Activities Disclosure [Abstract] Derivative Instruments and Hedging Activities Disclosure [Abstract] Non-current investments, allowance for credit losses Debt Securities, Available-for-Sale, Allowance for Credit Loss, Noncurrent Operating lease expense for which no liability or asset was recognized Operating Lease, Expense, No Liability Or Asset Recognized Operating Lease, Expense, No Liability Or Asset Recognized Erroneous Compensation Analysis Erroneous Compensation Analysis [Text Block] Maximum investment of the company in partnership Maximum Investment Of Company In Partnership Maximum investment of the company in partnership. Financial Instruments [Domain] Financial Instruments [Domain] Nonvested beginning balance, weighted-average exercise price Nonvested ending balance, weighted-average exercise price Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Nonvested, Weighted Average Grant Date Fair Value LIABILITIES AND SHAREHOLDERSâ€™ EQUITY Liabilities and Equity [Abstract] Discrete tax benefit for release of valuation allowance Effective Income Tax Rate Reconciliation, Change in Deferred Tax Assets Valuation Allowance, Percent Restatement Determination Date Restatement Determination Date ChargedÂ to Costs and Expenses SEC Schedule, 12-09, Valuation Allowances and Reserves, Additions, Charge to Cost and Expense Long-term investments Debt Securities, Available-for-Sale, Noncurrent Pay vs Performance Disclosure Pay vs Performance Disclosure [Table] Summary of Available-for-Sale Investments Schedule of Available-for-Sale Securities Reconciliation [Table Text Block] Property, Plant and Equipment [Table] Property, Plant and Equipment [Table] Product Liability Contingency [Line Items] Product Liability Contingency [Line Items] Beginning balance outstanding, weighted-average exercise price Ending balance outstanding, weighted-average exercise price Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Weighted Average Exercise Price Concentration Risk [Table] Concentration Risk [Table] Operating lease assets Operating Lease, Right-of-Use Asset Erroneously Awarded Compensation Recovery Erroneously Awarded Compensation Recovery [Table] Derivative Instruments, Gain (Loss) [Line Items] Derivative Instruments, Gain (Loss) [Line Items] Beginning balance outstanding Ending balance outstanding Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Number Company contributions vest at end of two years Company Contributions Vest At End Of Two Year Company contributions vest at end of two year. Currency [Axis] Currency [Axis] Other liabilities Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Noncurrent Liabilities, Other Property, Plant and Equipment [Abstract] Property, Plant and Equipment [Abstract] Weighted Average Shares Earnings Per Share [Text Block] Subsequent Event [Member] Subsequent Event [Member] Issuance of common stock under stock option plans Stock Issued During Period, Value, Stock Options Exercised Granted, weighted-average exercise price Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Grants in Period, Weighted Average Grant Date Fair Value Long-term investments [Member] Long Term Investments [Member] Long-term investments. Subsegments [Domain] Subsegments [Domain] Taxes Income Tax, Policy [Policy Text Block] Peer Group Issuers, Footnote Peer Group Issuers, Footnote [Text Block] Segments [Domain] Segments [Domain] Unrecognized Tax Benefits [Roll Forward] Unrecognized Tax Benefits [Roll Forward] PEO PEO [Member] Deferred Tax Asset [Domain] Deferred Tax Asset [Domain] Name Trading Arrangement, Individual Name Revenue Commissioners, Ireland [Member] Revenue Commissioners, Ireland [Member] Fair Values Derivatives, Balance Sheet Location, by Derivative Contract Type [Table] Fair Values Derivatives, Balance Sheet Location, by Derivative Contract Type [Table] Cognex Corporation 2021 And 2007 Stock Option And Incentive Plans Cognex Corporation 2021 And 2007 Stock Option And Incentive Plans [Member] Cognex Corporation 2021 And 2007 Stock Option And Incentive Plans Property, Plant and Equipment, Type [Axis] Long-Lived Tangible Asset [Axis] Entity Public Float Entity Public Float Discrete tax expense related to employee stock-based compensation Effective Income Tax Rate Reconciliation, Tax Expense (Benefit), Share-Based Payment Arrangement, Percent Options vested or expected to vest Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Exercisable, Number Awards Close in Time to MNPI Disclosures, Table Awards Close in Time to MNPI Disclosures [Table Text Block] Excess and obsolete inventory charges Excess and Obsolete Inventory Charges Excess and Obsolete Inventory Charges Investment income Investment Income, Nonoperating Asset-backed securities Asset Backed Securities Fair Value Disclosure Asset Backed Securities Fair Value Disclosure SEC Schedule, 12-09, Valuation and Qualifying Accounts [Abstract] SEC Schedule, 12-09, Valuation and Qualifying Accounts [Abstract] Prior Year End Fair Value of Equity Awards Granted in Any Prior Year that Fail to Meet Applicable Vesting Conditions During Covered Year Prior Year End Fair Value of Equity Awards Granted in Any Prior Year that Fail to Meet Applicable Vesting Conditions During Covered Year [Member] Aggregate Erroneous Compensation Amount Aggregate Erroneous Compensation Amount Expiration period of stock option plan Expiration Period Of Stock Option Plan Expiration period of stock option plan. Local Phone Number Local Phone Number Deferred tax assets, valuation allowance Valuation allowance Deferred Tax Assets, Valuation Allowance Aggregate Erroneous Compensation Not Yet Determined Aggregate Erroneous Compensation Not Yet Determined [Text Block] Americas [Member] Americas [Member] Maturities of forward of contracts Maximum Remaining Maturity of Foreign Currency Derivatives Allowance for credit loss Debt Securities, Available-for-Sale, Allowance for Credit Loss PEO Total Compensation Amount PEO Total Compensation Amount Derivative Liability, Fair Value, Gross Liability Derivative Liability, Subject to Master Netting Arrangement, before Offset Other Asia [Member] Other Asia [Member] Other Asia [Member] Lessor, Lease, Description [Table] Lessor, Lease, Description [Table] Property, Plant and Equipment, Type [Domain] Long-Lived Tangible Asset [Domain] Schedule of Employee Service Share-Based Compensation, Allocation of Recognized Period Costs, by Report Line [Axis] Statement of Income Location, Balance [Axis] Options vested or expected to vest, weighted-average exercise price Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Outstanding, Weighted Average Exercise Price Unusual or Infrequent Item, or Both [Axis] Unusual or Infrequent Item, or Both [Axis] Common Stock [Member] Common Stock [Member] available for sale securities debt maturities after five years before seven years fair value Available For Sale Securities Debt Maturities After Five Years Before Seven Years Fair Value Available For Sale Securities Debt Maturities After Five Years Before Seven Years Fair Value Forgone Recovery due to Expense of Enforcement, Amount Forgone Recovery due to Expense of Enforcement, Amount Schedule of Business Acquisitions, by Acquisition [Table] Schedule of Business Acquisitions, by Acquisition [Table] Unrecorded Unconditional Purchase Obligation, Term Unrecorded Unconditional Purchase Obligation, Term Segment Reporting [Abstract] Segment Reporting [Abstract] Entity Central Index Key Entity Central Index Key Scenario [Axis] Scenario [Axis] Deferred revenue and customer deposits Contract With Customer, Liability, Period Increase (Decrease) Contract With Customer, Liability, Period Increase (Decrease) Inventories Schedule of Inventory, Current [Table Text Block] Interest and penalties, gross Unrecognized Tax Benefits, Income Tax Penalties and Interest Accrued Non-PEO NEO Average Compensation Actually Paid Amount Non-PEO NEO Average Compensation Actually Paid Amount Provisions for warranties issued during the period Standard and Extended Product Warranty Accrual, Increase for Warranties Issued Shareholdersâ€™ Equity Equity [Text Block] Award Timing, How MNPI Considered Award Timing, How MNPI Considered [Text Block] Financial Instrument [Axis] Financial Instrument [Axis] Segment and Geographic Information Segment Reporting Disclosure [Text Block] Unrecorded Unconditional Purchase Obligation, Including Lease Not yet Commenced, to be Paid, Year One Unrecorded Unconditional Purchase Obligation, to be Paid, Year One Subsegments Consolidation Items [Axis] Subsegments Consolidation Items [Axis] New Pronouncements Accounting Standards Update and Change in Accounting Principle [Text Block] Stock-based compensation expense APIC, Share-Based Payment Arrangement, Increase for Cost Recognition Restricted Stock [Member] Restricted Stock [Member] Total Cash Cash Equivalents Short Term And Long Term Investments Cash, cash equivalents, short term and long term investments. Title Trading Arrangement, Individual Title Balance of reserve for income taxes Balance of reserve for income taxes Unrecognized Tax Benefits City Area Code City Area Code Asset acquisition, transaction costs Asset Acquisition, Consideration Transferred, Transaction Cost Current liabilities: Liabilities, Current [Abstract] Auditor Location Auditor Location Revenue Recognition Revenue [Policy Text Block] Insider Trading Policies and Procedures Not Adopted Insider Trading Policies and Procedures Not Adopted [Text Block] Non-cash, loss from catastrophes Non-cash, Loss from Catastrophes Non-cash, Loss from Catastrophes Loss on disposition of property, plant and equipment Loss on disposition of property, plant and equipment Gain (Loss) on Disposition of Assets Fair value adjustment on acquired inventories (Note 21) Fair Value Adjustment on Acquired Inventories Fair Value Adjustment on Acquired Inventories Repurchase of common stock Payments for Repurchase of Common Stock Deferred Tax Valuation Allowance [Member] SEC Schedule, 12-09, Valuation Allowance, Deferred Tax Asset [Member] Deferred Tax Liabilities, Undistributed Foreign Earnings Deferred Tax Liabilities, Undistributed Foreign Earnings Deferred Tax Liabilities, Undistributed Foreign Earnings SEC Schedule, 12-09, Valuation and Qualifying Accounts Disclosure [Table] SEC Schedule, 12-09, Valuation and Qualifying Accounts Disclosure [Table] Schedule of Segment Reporting Information, by Segment [Table] Schedule of Segment Reporting Information, by Segment [Table] Weighted-Average Grant Fair Value Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Nonvested, Weighted Average Grant Date Fair Value [Abstract] Subsequent Event Type [Axis] Subsequent Event Type [Axis] Earnings Per Share [Abstract] Earnings Per Share [Abstract] Equity [Abstract] Equity [Abstract] Raw materials Inventory, Raw Materials, Net of Reserves Retained earnings Retained Earnings (Accumulated Deficit) Forfeited or expired, weighted-average exercise price Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Forfeitures and Expirations in Period, Weighted Average Exercise Price Inventories Increase (Decrease) in Inventories Aggregate Available Trading Arrangement, Securities Aggregate Available Amount Equity Awards Adjustments Equity Awards Adjustments [Member] Operating lease, liability Operating Lease, Liability Underlying Securities Award Underlying Securities Amount Performance Shares Performance Shares [Member] Foreign retirement obligations Retirement Allowance Retirement allowance Japan. Payment of dividends ($0.305 per common share) Dividends, Common Stock, Cash Amendment Flag Amendment Flag Loss (gain) on disposal of property, plant, and equipment Gain (Loss) on Disposition of Property Plant Equipment Accumulated other comprehensive loss consists of foreign currency translation adjustments, net of tax Accumulated Other Comprehensive Income (Loss), Foreign Currency Translation Adjustment, Net of Tax Accounts receivable Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Current Assets, Receivables Stock Appreciation Rights (SARs) Stock Appreciation Rights (SARs) [Member] British Pound [Member] United Kingdom, Pounds Subsequent Events [Abstract] Subsequent Events [Abstract] Fair Value, Measurements, Fair Value Hierarchy [Domain] Fair Value Hierarchy and NAV [Domain] Joerg Kuechen, Rule Trading Arrangement, Common Stock Purchase [Member] Joerg Kuechen, Rule Trading Arrangement, Common Stock Purchase Recovery of Erroneously Awarded Compensation Disclosure [Line Items] Repurchase Program March 2020 [Member] Repurchase Program March 2020 [Member] Repurchase Program March 2020 Beginning Balance Ending Balance Standard and Extended Product Warranty Accrual Entity Address, Postal Zip Code Entity Address, Postal Zip Code Advertising costs Advertising Expense Dividends Payable, Date of Record Dividends Payable, Date of Record Nature of Operations Nature Of Operations [Policy Text Block] Nature of Operations. Non deductible federal and state liabilities Deferred Tax Liabilities, Amortization Of Intangible Assets Deferred Tax Liabilities, Amortization Of Intangible Assets Cash and cash equivalents Cash and Cash Equivalents, at Carrying Value Non-current investments, amortized cost Debt Securities, Available-for-Sale, Amortized Cost, Noncurrent Year-over-Year Change in Fair Value of Equity Awards Granted in Prior Years That are Outstanding and Unvested Year-over-Year Change in Fair Value of Equity Awards Granted in Prior Years That are Outstanding and Unvested [Member] Auditor Name Auditor Name Customer Contracts Liability, Current Customer Contracts Liability Current [Roll Forward] Customer Contracts Liability Current [Roll Forward] Forfeited or expired, weighted-average exercise price Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Forfeitures, Weighted Average Grant Date Fair Value Current: Current Income Tax Expense (Benefit), Continuing Operations [Abstract] Year-end Fair Value of Equity Awards Granted in Covered Year that are Outstanding and Unvested Year-end Fair Value of Equity Awards Granted in Covered Year that are Outstanding and Unvested [Member] Maturities and sales of investments Proceeds from Sale, Maturity and Collection of Investments Property, Plant and Equipment, Useful Life Property, Plant and Equipment, Useful Life Shares Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding [Roll Forward] Accounts payable Increase (Decrease) in Accounts Payable Adjustment To PEO Compensation, Footnote Adjustment To PEO Compensation, Footnote [Text Block] Fire Fire [Member] 88,000 Square-Foot Premises 88,000 Square-Foot Premises [Member] 88,000 Square-Foot Premises Moritex Corporation Moritex Corporation [Member] Moritex Corporation Cognex Corporation 2023 Stock Option And Incentive Plan Cognex Corporation 2023 Stock Option And Incentive Plan [Member] Cognex Corporation 2023 Stock Option And Incentive Plan Compensation Actually Paid vs. Other Measure Compensation Actually Paid vs. Other Measure [Text Block] State Administration of Taxation, China [Member] State Administration of Taxation, China [Member] Stock, Class of Stock [Table] Stock, Class of Stock [Table] Vesting Date Fair Value of Equity Awards Granted and Vested in Covered Year Vesting Date Fair Value of Equity Awards Granted and Vested in Covered Year [Member] Weighted-average common and common-equivalent shares outstanding: Weighted Average Number of Shares Outstanding, Diluted [Abstract] Total assets Assets Cost of revenue Cost of Goods and Services Sold Advertising Costs Advertising Cost [Policy Text Block] Cash and Cash Equivalents [Abstract] Cash and Cash Equivalents [Abstract] Purchases of property, plant, and equipment Payments to Acquire Property, Plant, and Equipment Other liabilities Other Liabilities, Noncurrent Movement in Standard Product Warranty Accrual [Roll Forward] Movement in Standard Product Warranty Accrual [Roll Forward] Forgone Recovery due to Violation of Home Country Law, Amount Forgone Recovery due to Violation of Home Country Law, Amount Commitments and contingencies (Note 11) Commitments and Contingencies Stock-Based Compensation Share-Based Payment Arrangement [Policy Text Block] Reclassification of net realized (gain) loss into current operations Reclassification of net realized (gain) loss on the sale of available-for-sale investments Net realized gains reclassified into current operations Other Comprehensive Income (Loss), Reclassification Adjustment from AOCI for Sale of Securities, Net of Tax Reconciliation of the United States Federal Statutory Corporate Tax Rate to the Company's Effective Tax Rate or Income Tax Provision Schedule of Effective Income Tax Rate Reconciliation [Table Text Block] Net unrealized losses on available-for-sale investments, net of tax AOCI, Debt Securities, Available-for-Sale, Adjustment, after Tax Termination Date Trading Arrangement Termination Date Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Concentrations of Risk Concentrations Of Risk Policy [Policy Text Block] Concentrations of Risk. 2026 Lessee, Operating Lease, Liability, to be Paid, Year Two Not Designated as Hedging Instrument [Member] Not Designated as Hedging Instrument [Member] Joerg Kuechen, Rule Trading Arrangement, Common Stock Sale [Member] Joerg Kuechen, Rule Trading Arrangement, Common Stock Sale Deferred tax assets: Deferred Tax Assets, Gross [Abstract] Reduction of accumulated depreciation due to disposals Accumulated Depreciation, Depletion and Amortization, Sale or Disposal of Property, Plant and Equipment Schedule of Recognized Identified Assets Acquired and Liabilities Assumed Schedule of Recognized Identified Assets Acquired and Liabilities Assumed [Table Text Block] Company contributions vest at end of one year Company Contributions Vest At End Of One Year Company Contributions Vest At End Of One Year Net income Net income Net Income (Loss) Attributable to Parent Trading Arrangement: Trading Arrangement [Axis] Pay vs Performance Disclosure, Table Pay vs Performance [Table Text Block] Offsetting Assets Offsetting Assets [Table Text Block] Equity Awards Adjustments, Excluding Value Reported in Compensation Table Equity Awards Adjustments, Excluding Value Reported in the Compensation Table [Member] Entity File Number Entity File Number Realized Gain (Loss) on Investments Realized Gain (Loss) on Investments [Table Text Block] Insurance Recoveries Insurance Recoveries Income Statement [Abstract] Income Statement [Abstract] Entity Address, Address Line One Entity Address, Address Line One Federal Current Federal Tax Expense (Benefit) Effect of foreign exchange rate changes on cash and cash equivalents Effect of Exchange Rate on Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Continuing Operations Lessee, Operating Lease, Term of Contract Lessee, Operating Lease, Term of Contract Name Forgone Recovery, Individual Name Operating lease, weighted average remaining lease term (years) Operating Lease, Weighted Average Remaining Lease Term Other SEC Schedule, 12-09, Valuation Allowances and Reserves, Increase (Decrease) Adjustment Revenue, payment terms Revenue, Payment Terms Revenue, Payment Terms Change in deferred income taxes Increase (Decrease) in Deferred Income Taxes Vote entitled for each common share outstanding Vote Entitled For Each Common Share Outstanding Vote entitled for each common share outstanding. Cash, Cash Equivalents, and Investments Investment, Policy [Policy Text Block] Award Timing MNPI Considered Award Timing MNPI Considered [Flag] Deferred Revenue, Refund Payments Deferred Revenue, Refund Payments Reductions as a result of tax positions taken in prior periods Unrecognized Tax Benefits, Decrease Resulting from Prior Period Tax Positions Inventory Disclosure [Abstract] Inventory Disclosure [Abstract] Outstanding Aggregate Erroneous Compensation Amount Outstanding Aggregate Erroneous Compensation Amount PEO Actually Paid Compensation Amount PEO Actually Paid Compensation Amount Adjustment to Compensation: Adjustment to Compensation [Axis] Accounts Receivable [Member] Accounts Receivable

[Member] Agency Bonds [Member] Agency Bonds [Member] Agency bond. Accumulated other comprehensive loss, net of tax Accumulated Other Comprehensive Income (Loss), Net of Tax Pension Adjustments Service Cost Pension Adjustments Service Cost [Member] Basic (in shares) Basic weighted-average common shares outstanding Weighted Average Number of Shares Outstanding, Basic Stock Price or TSR Estimation Method Stock Price or TSR Estimation Method [Text Block] Tax effect of unrealized gain (loss) on available-for-sale investments Tax effect of unrealized gain on available-for-sale investments OCI, Debt Securities, Available-for-Sale, Unrealized Holding Gain (Loss), before Adjustment, Tax Unrealized Losses, Greater than 12 Months Debt Securities, Available-for-Sale, Continuous Unrealized Loss Position, 12 Months or Longer, Accumulated Loss Property, plant and equipment acquired Property, plant and equipment Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Property, Plant, and Equipment Name Awards Close in Time to MNPI Disclosures, Individual Name Total Revenue Revenue Benchmark [Member] Unrealized Losses, Less than 12 months Debt Securities, Available-for-Sale, Continuous Unrealized Loss Position, Less than 12 Months, Accumulated Loss Entity Filer Category Entity Filer Category Unusual or Infrequent Item, or Both [Table] Unusual or Infrequent Item, or Both [Table] Range [Domain] Statistical Measurement [Domain] Gross Unrealized Losses Debt Securities, Available-for-Sale, Accumulated Gross Unrealized Loss, before Tax Derivatives, Fair Value [Line Items] Derivatives, Fair Value [Line Items] Components of Cash, Cash Equivalents and Investments Components Of Cash Cash Equivalents And Investments Table [Table Text Block] Components of cash cash equivalents and investments. Schedule of Notional Amounts of Outstanding Derivative Positions Schedule of Notional Amounts of Outstanding Derivative Positions [Table Text Block] Segment Reporting Information [Line Items] Segment Reporting Information [Line Items] All Trading Arrangements All Trading Arrangements [Member] Effective Income Tax Rate Reconciliation, Audit Settlement, Percent Effective Income Tax Rate Reconciliation, Audit Settlement, Percent Effective Income Tax Rate Reconciliation, Audit Settlement, Percent Compensation Actually Paid vs. Net Income Compensation Actually Paid vs. Net Income [Text Block] Reserve for income taxes Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Reserve for Income Taxes Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Reserve for Income Taxes Vesting period for stock option plans Share-Based Compensation Arrangement by Share-Based Payment Award, Award Vesting Period Rule 10b5-1 Arrangement Adopted Rule 10b5-1 Arrangement Adopted [Flag] Awards Close in Time to MNPI Disclosures Awards Close in Time to MNPI Disclosures [Table] Derivative [Line Items] Derivative [Line Items] SEC Schedule, 12-09, Valuation and Qualifying Accounts Disclosure [Line Items] SEC Schedule, 12-09, Valuation and Qualifying Accounts Disclosure [Line Items] Income tax paid net Income Taxes Paid, Net Japanese Yen [Member] Japan, Yen Goodwill, Measurement Period Adjustment Goodwill, Measurement Period Adjustment Pay vs Performance Disclosure [Line Items] Bac Ninh, Vietnam Bac Ninh, Vietnam [Member] Bac Ninh, Vietnam Peer Group Total Shareholder Return Amount Peer Group Total Shareholder Return Amount Estimated forfeiture rate for unvested options for all non-senior management Estimated Forfeiture Rate For Unvested Options For All Non Senior Management Estimated forfeiture rate for unvested options for all non-senior management. Derivative [Table] Derivative [Table] Deferred: Deferred Income Tax Expense (Benefit), Continuing Operations [Abstract] Schedule of Derivative Instruments in Statement of Financial Position, Fair Value Schedule of Derivative Instruments in Statement of Financial Position, Fair Value [Table Text Block] Other Increase (Decrease) in Other Operating Assets and Liabilities, Net Other Performance Measure, Amount Other Performance Measure, Amount Research Tax Credit Carryforward [Member] Research Tax Credit Carryforward [Member] 2027 Finite-Lived Intangible Asset, Expected Amortization, Year Three Goodwill [Line Items] Goodwill [Line Items] Leases Lessee, Operating Leases [Text Block] Common stock, shares outstanding (in shares) Common Stock, Shares, Outstanding Current investment, allowance for credit loss Debt Securities, Available-for-Sale, Allowance for Credit Loss, Current Shares available for grant under stock option plans Share-Based Compensation Arrangement by Share-Based Payment Award, Number of Shares Available for Grant Non-current operating lease liabilities Operating Lease, Liability, Noncurrent Interest Receivable Interest Receivable Gross realized losses Debt Securities, Available-for-Sale, Realized Loss Deferred revenue and customer deposits Beginning balance End balance Contract with Customer, Liability, Current Research and Development Research, Development, and Computer Software, Policy [Policy Text Block] Entity Tax Identification Number Entity Tax Identification Number Computer Hardware And Software [Member] Hardware And Software [Member] Hardware and software. Intangible Asset, Finite-Lived [Table] Intangible Asset, Finite-Lived [Table] Additions as a result of tax positions taken in prior periods Unrecognized Tax Benefits, Increase Resulting from Prior Period Tax Positions Derivative liability gross amount offset Derivative Liability, Subject to Master Netting Arrangement, Collateral, Right to Reclaim Cash Offset Foreign Deferred Foreign Income Tax Expense (Benefit) Other [Member] Other Geographic Area [Member] Other Geographic Area [Member] Treasury Bills [Member] US Treasury Securities [Member] Plan Name [Axis] Plan Name [Axis] SAC Sirius Advanced Cybernetics GmbH SAC Sirius Advanced Cybernetics GmbH [Member] SAC Sirius Advanced Cybernetics GmbH Effective maturity of investments Available-for-sale Securities, Debt Maturities, Effective Term, Maximum Available-for-sale Securities, Debt Maturities, Effective Term, Maximum Equity Components [Axis] Equity Components [Axis] Fair Value, Total Fair Value, Total Debt Securities, Available-for-Sale Accounts Receivable Accounts Receivable [Policy Text Block] Derivative Asset, Notional Amount Derivative Asset, Notional Amount Derivative Asset gross amount offset Derivative Asset, Subject to Master Netting Arrangement, Collateral, Obligation to Return Cash, Offset Against Derivative Asset Business Acquisition, Acquiree [Domain] Business Acquisition, Acquiree [Domain] Outstanding, aggregate intrinsic value Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Intrinsic Value Investment Type Categorization [Domain] Investments [Domain] Diluted earnings per weighted-average common and common-equivalent share (1): Earnings Per Share, Diluted [Abstract] Effective Income Tax Rate Reconciliation, Repatriation of Foreign Earnings, Amount Effective Income Tax Rate Reconciliation, Repatriation of Foreign Earnings, Amount Completed Technologies [Member] Developed Technology Rights [Member] Geographical [Axis] Geographical [Axis] Deferred Tax Assets, Net, Noncurrent Deferred Tax Assets, Net 2029 Lessee, Operating Lease, Liability, to be Paid, Year Five Unrecognized Tax Benefits, Gross, Noncurrent Liability Unrecognized Tax Benefits, Gross, Noncurrent Liability Repurchase of common stock Stock Repurchased During Period, Value Stock Repurchased During Period, Value Aggregate Grant Date Fair Value of Equity Award Amounts Reported in Summary Compensation Table Aggregate Grant Date Fair Value of Equity Award Amounts Reported in Summary Compensation Table [Member] Economic hedge forward contracts Foreign Currency Contract, Asset, Fair Value Disclosure Other assets Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Other Noncurrent Assets Debt Securities, Available-for-sale [Line Items] Debt Securities, Available-for-Sale [Line Items] Non-current accrued income taxes Accrued Income Taxes, Noncurrent Operating lease expense Operating Lease, Expense Incentive compensation Accrued Bonuses, Current Fair Value Debt Securities, Available-for-Sale, Unrealized Loss Position Cash and cash equivalents at beginning of year Cash and cash equivalents at end of year Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents Enterprise value Business Combination, Enterprise Value Business Combination, Enterprise Value Discrete tax expense related to rate revaluation on state tax assets Effective Income Tax Rate Reconciliation, Tax Settlement, State and Local, Percent Amortization of discounts or premiums on investments Accretion (Amortization) of Discounts and Premiums, Investments Foreign Current Foreign Tax Expense (Benefit) Current assets: Assets, Current [Abstract] Consolidation Items [Axis] Consolidation Items [Axis] Fair Value Measurements Fair Value of Financial Instruments, Policy [Policy Text Block] Forgone Recovery due to Disqualification of Tax Benefits, Amount Forgone Recovery due to Disqualification of Tax Benefits, Amount Product and Service [Domain] Product and Service [Domain] Vested, weighted-average exercise price Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Vested in Period, Weighted Average Grant Date Fair Value Goodwill [Roll Forward] Goodwill [Roll Forward] Fair Value Disclosures [Abstract] Fair Value Disclosures [Abstract] Preferred stock, shares outstanding (in shares) Preferred Stock, Shares Outstanding Security Exchange Name Security Exchange Name Exercised, weighted-average exercise price Share-Based Compensation Arrangements by Share-Based Payment Award, Options, Exercises in Period, Weighted Average Exercise Price Share-based Compensation Arrangement by Share-based Payment Award, Equity Instruments Other than Options, Nonvested, Number of Shares [Roll Forward] Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Nonvested, Number of Shares [Roll Forward] State Current State and Local Tax Expense (Benefit) Stock-based compensation expense Stock or Unit Option Plan Expense Labor and Related Expense Labor and Related Expense Research, Development and Engineering Expenses Research, Development and Engineering Expenses [Member] Research, Development and Engineering Expenses Deferred Tax Assets, Tax Credit Carryforwards, State Deferred Tax Assets, Tax Credit Carryforwards, State Deferred Tax Assets, Tax Credit Carryforwards, State Economic hedge forward contracts Foreign Currency Contracts, Liability, Fair Value Disclosure Exercisable, aggregate intrinsic value Share Based Compensation Arrangement By Share Based Payment Award Options Exercisable Aggregate Intrinsic Value Share based compensation arrangement by share based payment award options exercisable aggregate intrinsic value. Forgone Recovery, Explanation of Impracticability Forgone Recovery, Explanation of Impracticability [Text Block] Research, development, and engineering expenses Research, development, and engineering expenses Research and Development Expense Net realized gains (losses) Realized Investment Gains (Losses) Subsegments [Axis] Subsegments [Axis] Goodwill and Intangible Assets Disclosure [Abstract] Goodwill and Intangible Assets Disclosure [Abstract] Common stock, shares issued (in shares) Beginning Balance, shares (in shares) Balance, shares (in shares) Common Stock, Shares, Issued Accrued income taxes Increase (Decrease) in Income Taxes Payable Maximum percentage of revenue accountability Concentration Risk, Percentage Deferred Tax Assets, Tax Credit Carryforwards, Foreign Deferred Tax Assets, Tax Credit Carryforwards, Foreign Unrealized Losses Debt Securities, Available-for-Sale, Unrealized Loss Position, Accumulated Loss Net amount of liabilities presented Net amount of liabilities presented Derivative Liability Insider Trading Policies and Procedures Adopted Insider Trading Policies and Procedures Adopted [Flag] Less: accumulated depreciation Accumulated Depreciation, Depletion and Amortization, Property, Plant, and Equipment Cash Cash Valuation Allowance by Deferred Tax Asset [Axis] Valuation Allowance by Deferred Tax Asset [Axis] Europe [Member] Europe [Member] Europe [Member] Common stock, shares authorized (in shares) Common Stock, Shares Authorized Cash, Cash Equivalents, and Investments Investments in Debt and Equity Instruments, Cash and Cash Equivalents, Unrealized and Realized Gains (Losses) [Text Block] Net payments related to business acquisitions (Note 21) Payments related to business acquisitions Payments to Acquire Businesses, Net of Cash Acquired Recognition of revenue deferred in prior period Contract with Customer, Liability, Current And Prior Period Revenue Recognized Contract with Customer, Liability, Current And Prior Period Revenue Recognized Entity Voluntary Filers Entity Voluntary Filers Hedging Designation [Domain] Hedging Designation [Domain] Deferred income tax expense (benefit), Total Deferred Income Tax Expense (Benefit) Salaries and payroll taxes Accrued Salaries, Current Property, Plant, and Equipment Property, Plant and Equipment Disclosure [Text Block] Share-Based Payment Arrangement, Exercise of Option, Tax Benefit Share-Based Payment Arrangement, Exercise of Option, Tax Benefit Write-offs, net of recoveries Accounts Receivable, Allowance for Credit Loss, Writeoff Other comprehensive income (loss), net of tax Other Comprehensive Income (Loss), Net of Tax, Portion Attributable to Parent Fair Value, Measurements, Recurring Fair Value, Recurring [Member] Accounts receivable, allowance for credit losses of $827 and $583 in 2024 and 2023, respectively Accounts Receivable, after Allowance for Credit Loss, Current Revenues from External Customers and Long-Lived Assets [Line Items] Revenues from External Customers and Long-Lived Assets [Line Items] Hungarian Forint [Member] Hungary, Forint Fair Value, Greater than 12 Months Debt Securities, Available-for-Sale, Continuous Unrealized Loss Position, 12 Months or Longer Treasury notes Treasury Bills Fair Value Disclosure Treasury bills fair value disclosure. Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Pension Adjustments Prior Service Cost Pension Adjustments Prior Service Cost [Member] Company match percent Defined Contribution Plan, Employer Matching Contribution, Percent of Match Foreign exchange rate changes Contract Liability Foreign Exchange Rate Changes Contract Liability Foreign Exchange Rate Changes Pension Benefits Adjustments, Footnote Pension Benefits Adjustments, Footnote [Text Block] Total Shareholder Return Vs Peer Group Total Shareholder Return Vs Peer Group [Text Block] Document Annual Report Document Annual Report Vested (in shares) Vested Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Vested in Period Risk-free rate Share-Based Compensation Arrangement by Share-Based Payment Award, Fair Value Assumptions, Risk Free Interest Rate Amortization of intangible assets Amortization of Intangible Assets SEC Schedule, 12-09, Movement in Valuation Allowances and Reserves [Roll Forward] SEC Schedule, 12-09, Movement in Valuation Allowances and Reserves [Roll Forward] Accounting Policies [Abstract] Accounting Policies [Abstract] Contingencies Commitments and Contingencies, Policy [Policy Text Block] Leasehold Improvements [Member] Leasehold Improvements [Member] Capitalized Contract Cost, Gross Capitalized Contract Cost, Gross Business Acquisitions Business Combination Disclosure [Text Block] Current Fiscal Year End Date Current Fiscal Year End Date Accounts receivable, allowance for credit losses BalanceÂ at Beginning of Period BalanceÂ at End of Period SEC Schedule, 12-09, Valuation Allowances and Reserves, Amount PEO Name PEO Name Guarantees [Abstract] Guarantees [Abstract] Equity Award [Domain] Award Type [Domain] Cash acquired Cash and cash equivalents Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Cash and Equivalents Stock-based compensation expense Deferred Tax Assets, Tax Deferred Expense, Compensation and Benefits, Share-Based Compensation Cost Distribution Networks and Customer Relationships Distribution Networks and Customer Relationships [Member] Distribution Networks and Customer Relationships Compensation Actually Paid vs. Company Selected Measure Compensation Actually Paid vs. Company Selected Measure [Text Block] Deferred income taxes Deferred Income Tax Assets, Net Non-PEO NEO Non-PEO NEO [Member] Finite-Lived Intangible Asset, Useful Life Finite-Lived Intangible Asset, Useful Life Additional Paid-in Capital [Member] Additional Paid-in Capital [Member] Goodwill Goodwill Disclosure [Text Block] Unbilled revenue Increase (Decrease) in Contract with Customer, Asset Employee Savings Plan Retirement Benefits [Text Block] Class of Stock [Line Items] Class of Stock [Line Items] Current investments, amortized cost Debt Securities, Available-for-Sale, Amortized Cost, Current Deferred income tax liabilities Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Deferred Tax Liabilities Singapore Dollar [Member] Singapore, Dollars New Accounting Pronouncements New Accounting Pronouncements, Policy [Policy Text Block] Unbilled revenue Unbilled Receivables, Current Warranty Obligations Standard Product Warranty, Policy [Policy Text Block] Finite-Lived Intangible Assets by Major Class [Axis] Finite-Lived Intangible Assets by Major Class [Axis] Accumulated Amortization Finite-Lived Intangible Assets, Accumulated Amortization Calculation of Weighted Average Shares Schedule of Weighted Average Number of Shares [Table Text Block] Name Measure Name Entity Interactive Data Current Entity Interactive Data Current Unrecorded Uncontditional Purchase Obligation, Renewal Term Unrecorded Uncontditional Purchase Obligation, Renewal Term Unrecorded Uncontditional Purchase Obligation, Renewal Term Vacation Accrued Vacation, Current Customer Relationships [Member] Customer Contracts And Relationships [Member] Customer Contracts And Relationships [Member] Customer Contracts And Relationships [Member] Assets and Liabilities Measured at Fair Value on a Recurring Basis Schedule of Fair Value, Assets and Liabilities Measured on Recurring Basis [Table Text Block] Disaggregation of Revenue [Table] Disaggregation of Revenue [Table] Treasury Bills [Member] US Treasury Bill Securities [Member] Available-for-sale investments: Other Comprehensive Income (Loss), Available-for-Sale Securities Adjustment, Net of Tax, Portion Attributable to Parent [Abstract] Stock Redeemed or Called During Period, Value Stock Redeemed or Called During Period, Value Accounts Receivable, Allowance for Credit Loss [Roll Forward] Accounts Receivable, Allowance for Credit Loss [Roll Forward] Reductions relating to settlements with taxing authorities Unrecognized Tax Benefits, Decrease Resulting from Settlements with Taxing Authorities Unrecognized Tax Benefits, Gross Unrecognized Tax Benefits, Gross Unrecognized Tax Benefits, Gross Derivative Instruments, Gain (Loss) Derivative Instruments, Gain (Loss) [Table Text Block] Concentration Risk Benchmark [Domain] Concentration Risk Benchmark [Domain] Schedule II - Valuation and Qualifying Accounts SEC Schedule, 12-09, Schedule of Valuation and Qualifying Accounts Disclosure [Text Block] Auditor Firm ID Auditor Firm ID Deferred income tax assets Business Combination Recognized Identifiable Assets Acquired and Liabilities Assumed, Deferred Tax Assets Income tax expense Effective Income Tax Rate Reconciliation, Percent Operating income Operating income Operating Income (Loss) Capitalization of R&D expenses Deferred Tax Assets, Capitalization Of Research And Development Expenses Deferred Tax Assets, Capitalization Of Research And Development Expenses Losses on currency swaps, net of gains on long-term intercompany loans Adjustment for Long-Term Intra-Entity Transaction, after Tax Number of reportable segments Number of Reportable Segments Total liabilities and shareholders' equity Liabilities and Equity Subsequent Events Subsequent Events [Text Block] Rule 10b5-1 Arrangement Terminated Rule 10b5-1 Arrangement Terminated [Flag] Fair Value Hierarchy and NAV [Axis] Fair Value Hierarchy and NAV [Axis] Foreign net operating losses Deferred Tax Assets, Operating Loss Carryforwards, Foreign Hedging Designation [Axis] Hedging Designation [Axis] Derivative Instruments Derivative Instruments and Hedging Activities Disclosure [Text Block] Payments of dividends Payments of Dividends Finite-Lived Intangible Assets, Major Class Name [Domain] Finite-Lived Intangible Assets, Major Class Name [Domain] Schedule of Performance Restricted Stock Units Share-Based Payment Arrangement, Restricted Stock and Restricted Stock Unit, Activity [Table Text Block] Underlying Security Market Price Change Underlying Security Market Price Change, Percent Tax Credit Carryforward, Name [Domain] Tax Credit Carryforward, Name [Domain] Individual: Individual [Axis] Disposals in period Property, Plant and Equipment, Disposals Accumulated Other Comprehensive Loss [Member] AOCI Attributable to Parent [Member] Expected term (in years) Share-Based Compensation Arrangement by Share-Based Payment Award, Fair Value Assumptions, Expected Term Inventories Inventories Inventory, Net Product and Service [Axis] Product and Service [Axis] Property, Plant and

Equipment [Line Items] Property, Plant and Equipment [Line Items] Statement [Line Items] Statement [Line Items] Building Improvements [Member] Building Improvements [Member] Property, Plant, and Equipment Property, Plant and Equipment [Table Text Block] Compensation Actually Paid vs. Total Shareholder Return Compensation Actually Paid vs. Total Shareholder Return [Text Block] Dividends Payable, Date Declared Dividends Payable, Date Declared Purchase price Business Combination, Consideration Transferred Derivative Instruments Derivatives, Policy [Policy Text Block] Minimum [Member] Minimum [Member] Adoption Date Trading Arrangement Adoption Date Estimated Forfeiture Rate for Unvested Options for CEO Estimated Forfeiture Rate for Unvested Options for CEO Estimated Forfeiture Rate for Unvested Options for CEO Tax benefit of foreign currency translation adjustment Other Comprehensive Income (Loss), Foreign Currency Translation Adjustment, Tax Increases to the allowance for credit losses Accounts Receivable, Credit Loss Expense (Reversal) Segments [Axis] Segments [Axis] Change in Fair Value as of Vesting Date of Prior Year Equity Awards Vested in Covered Year Change in Fair Value as of Vesting Date of Prior Year Equity Awards Vested in Covered Year [Member] Income tax expense at U.S. federal statutory corporate tax rate Effective Income Tax Rate Reconciliation, at Federal Statutory Income Tax Rate, Percent Derivative Instrument [Axis] Derivative Instrument [Axis] Inventory [Line Items] Inventory [Line Items] Exercise Price Award Exercise Price Standard products and services Standard Product and Services [Member] Standard Product and Services [Member] Constituents of Deferred Tax Assets Schedule of Deferred Tax Assets and Liabilities [Table Text Block] Arrangement Duration Trading Arrangement Duration Operating lease, liability, discounted present value Operating Lease, Liability, Discounted Present Value Operating Lease, Liability, Discounted Present Value Depreciation Noncurrent Deferred Tax Assets Deprecation Noncurrent deferred tax assets deprecation. Shareholdersâ€™ equity: Equity, Attributable to Parent [Abstract] Fair Value, Less than 12 months Debt Securities, Available-for-Sale, Continuous Unrealized Loss Position, Less than 12 Months Domestic Tax Jurisdiction [Member] Domestic Tax Jurisdiction [Member] Non-current investments, amortized cost of $345,033 and $250,790 in 2024 and 2023, respectively, allowance for credit losses of $0 in 2024 and 2023 Non-current investments Long-Term Investments Derivative Asset, Statement of Financial Position [Extensible Enumeration] Derivative Asset, Statement of Financial Position [Extensible Enumeration] 3-4 Years Available For Sale Securities Debt Maturities After Three Years Before Four Years Fair Value Available-for-sale securities, debt maturities after third year but before fourth year, fair value. Material Terms of Trading Arrangement Material Terms of Trading Arrangement [Text Block] 2028 Finite-Lived Intangible Asset, Expected Amortization, Year Four All Individuals All Individuals [Member] Loss from Fire Catastrophe [Text Block] Catastrophe Building [Member] Building [Member] Limitation on deduction for executive compensation Effective Income Tax Rate Reconciliation, Executive Compensation, Percent Effective Income Tax Rate Reconciliation, Executive Compensation, Percent Income Tax Disclosure [Abstract] Income Tax Disclosure [Abstract] Maximum decrease in income tax expense due to release in reserves Maximum Decrease In Income Tax Expense Due To Release In Reserves Maximum decrease in income tax expense due to release in reserves. Gross Unrealized Losses and Fair Value for Available-for-Sale Investments Schedule of Unrealized Loss on Investments [Table Text Block] Other income (expense) Other Nonoperating Income (Expense) Statement of Stockholders' Equity [Abstract] Statement of Stockholders' Equity [Abstract] Intangible assets, net Intangible Assets, Net (Excluding Goodwill) Gross Unrealized Gains Debt Securities, Available-for-Sale, Accumulated Gross Unrealized Gain, before Tax Net payments from issuance of common stock under stock plans Proceeds, Issuance of Shares, Share-Based Payment Arrangement, Including Option Exercised Business Acquisition, Transaction Costs Business Acquisition, Transaction Costs Assets: Assets, Fair Value Disclosure [Abstract] Schedule of Employee Service Share-based Compensation, Allocation of Recognized Period Costs [Table] Share-Based Payment Arrangement, Expensed and Capitalized, Amount [Table] Stock Redeemed or Called During Period, Shares Stock Redeemed or Called During Period, Shares Cost, Depreciation and Amortization Cost, Depreciation and Amortization Tax Credit Carryforward [Line Items] Tax Credit Carryforward [Line Items] Deferred income taxes Deferred Income Tax Liabilities, Net Insurance Recoveries, Business Interruption Insurance Recoveries, Business Interruption Insurance Recoveries, Business Interruption Shares Share-Based Payment Arrangement, Option, Exercise Price Range [Line Items] Expected volatility Share-Based Compensation Arrangement by Share-Based Payment Award, Fair Value Assumptions, Expected Volatility Rate Repurchase of common stock, shares Stock Repurchased During Period, Shares Stock Repurchased During Period, Shares Foreign tax rate differential Foreign tax rate differential Effective Income Tax Rate Reconciliation, Foreign Income Tax Rate Differential, Percent Realized (gain) loss on sale of investments Gain (Loss) on Sale of Investments Finite-lived intangible assets Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Finite-Lived Intangibles Federal Deferred Federal Income Tax Expense (Benefit) Constituents of Accrued Expenses Schedule of Accrued Liabilities [Table Text Block] Share Repurchase Program [Domain] Share Repurchase Program [Domain] Cash, Cash Equivalents, and Investments Cash and Cash Equivalents, Policy [Policy Text Block] Greater China [Member] Greater China [Member] Greater China [Member] Greater China [Member] Commitments and Contingencies Commitments and Contingencies Disclosure [Text Block] Company contributions vest at end of three years Company Contributions Vest At End Of Three Years Company contributions vest at end of three years. Thereafter Finite-Lived Intangible Asset, Expected Amortization, after Year Five Measure: Measure [Axis] Additions as a result of tax positions taken in the current period Unrecognized Tax Benefits, Increase Resulting from Current Period Tax Positions Non-compete agreements Noncompete Agreements [Member] Authorized shares (in shares) Preferred Stock, Shares Authorized KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF Granted Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Grants in Period, Net of Forfeitures Entity Small Business Entity Emerging Growth Company Minimum age to be eligible to defined contribution plan Minimum Age To Be Eligible To Defined Contribution Plan Minimum age to be eligible to defined contribution plan. Increase in compensation expense due to revised estimated forfeiture rates Increase (Decrease) In Compensation Expense Due To Revised Estimated Forfeiture Rates Increase (decrease) in compensation expense due to revised estimated forfeiture rates. Non-GAAP Measure Description Non-GAAP Measure Description [Text Block] 27,000 Square-Foot Premises 27,000 Square-Foot Premises [Member] 27,000 Square-Foot Premises Sovereign Bonds [Member] Sovereign Debt Securities [Member] Equity Component [Domain] Equity Component [Domain] Preferred stock par value (in dollars per share) Preferred Stock, Par or Stated Value Per Share Discrete tax benefit related to GILTI adjustments Effective Income Tax Rate Reconciliation, GILTI, Percent Company contributions vest at end of four years Company Contributions Vest At End Of Four Years Company contributions vest at end of four years. JAPAN JAPAN Additional 402(v) Disclosure Additional 402(v) Disclosure [Text Block] Customer 1 [Member] Customer 1 [Member] Customer 1 Entity Shell Company Entity Shell Company Entity Incorporation, State or Country Code Entity Incorporation, State or Country Code Comprehensive Income Comprehensive Income, Policy [Policy Text Block] SEC Schedule, 12-09, Valuation Allowances and Reserves [Domain] SEC Schedule, 12-09, Valuation Allowances and Reserves [Domain] Statement [Table] Statement [Table] Unrecognized Tax Benefits, Gross, Offset to Tax Attributes Unrecognized Tax Benefits, Gross, Offset to Tax Attributes Unrecognized Tax Benefits, Gross, Offset to Tax Attributes Fair Value, Measurement Frequency [Domain] Measurement Frequency [Domain] Summary of Significant Accounting Policies Significant Accounting Policies [Text Block] Consolidation Items [Domain] Consolidation Items [Domain] Total fair values of stock options vested Share Based Compensation Arrangement By Share Based Payment Award Options Vested Fair Value Share based compensation arrangement by share based payment award options vested fair value. Concentration Risk Benchmark [Axis] Concentration Risk Benchmark [Axis] QuotedÂ PricesÂ in Active Markets for Identical Assets (LevelÂ 1) Fair Value, Inputs, Level 1 [Member] Foreign currency translation gain (loss) Foreign currency translation adjustments, net of tax Other Comprehensive Income (Loss), Foreign Currency Transaction and Translation Adjustment, Net of Tax Total current assets Assets, Current Statement of Cash Flows [Abstract] Statement of Cash Flows [Abstract] Discrete tax expense related to tax return filings Effective Income Tax Rate Reconciliation, Tax Settlement, Percent Accrued expenses Increase (Decrease) in Accrued Liabilities Other Inventory, Purchased Goods, Gross Other Inventory, Purchased Goods, Gross Exercisable, Shares Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Exercisable, Number Unusual or Infrequent Items, or Both [Abstract] Intangible assets Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Intangible Assets, Other than Goodwill Weighted-average grant-date fair values of stock options granted Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Grants in Period, Weighted Average Grant Date Fair Value Accumulated Other Comprehensive Income (Loss) [Table] Accumulated Other Comprehensive Income (Loss) [Table] Unrecorded Unconditional Purchase Obligation, Including Lease Not yet Commenced, Total Unrecorded Unconditional Purchase Obligation Entity Well-known Seasoned Issuer Entity Well-known Seasoned Issuer Non-compete Agreements [Member] Other Intangible Assets [Member] Euro [Member] Euro Member Countries, Euro Income Taxes Income Tax Disclosure [Text Block] Foreign tax structure deferred tax asset Deferred Tax Assets, Foreign Tax Structure Change Deferred Tax Assets, Foreign Tax Structure Change 2028 Lessee, Operating Lease, Liability, to be Paid, Year Four Reserve for income taxes Liability for Uncertainty in Income Taxes, Noncurrent Corporate bonds Corporate Bonds Fair Value Disclosure Corporate bonds fair value disclosure. Indemnification Provisions Indemnification Provisions [Text Block] Indemnification provisions are a potential liability whereby the Company indemnifies certain directors, officers, and employees (current or former) against expenses incurred by them in relation to specific legal proceedings. The company also indemnifies other parties for specific situations. Foreign currency translation adjustments: Currency translation adjustment [Abstract] Currency translation adjustment [Abstract] Operating lease, weighted average discount rate (percent) Operating Lease, Weighted Average Discount Rate, Percent Net cash used in financing activities Net Cash Provided by (Used in) Financing Activities Foreign exchange rate changes Standard and Extended Product Warranty Accrual, Foreign Currency Translation Gain (Loss) Accounting Changes and Error Corrections [Abstract] Accounting Changes and Error Corrections [Abstract] Loss (recovery) from fire Loss (Gain) From Catastrophes Loss (Gain) From Catastrophes Entity Registrant Name Entity Registrant Name Cash paid in purchase price Payments to Acquire Businesses, Gross Adjustment to Non-PEO NEO Compensation Footnote Adjustment to Non-PEO NEO Compensation Footnote [Text Block] Depreciation, Depletion and Amortization Depreciation, Depletion and Amortization Unusual or Infrequent Item, or Both [Domain] Unusual or Infrequent Item, or Both [Domain] Gross margin Gross margin Gross Profit Intangible Assets Intangible Assets Disclosure [Text Block] Net change related to foreign currency translation adjustments Other Comprehensive Income (Loss), Foreign Currency Transaction and Translation Adjustment, Net of Tax, Portion Attributable to Parent State Deferred State and Local Income Tax Expense (Benefit) Changes in Warranty Obligations Schedule of Product Warranty Liability [Table Text Block] Fair Value as of Grant Date Award Grant Date Fair Value Revenue from a single customer, percentage Customer Concentration Risk [Member] Options vested or expected to vest, aggregate intrinsic value Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Outstanding, Aggregate Intrinsic Value SignificantÂ Other Observable Inputs (LevelÂ 2) Fair Value, Inputs, Level 2 [Member] Geographical [Domain] Geographical [Domain] Disaggregation of Revenue Disaggregation of Revenue [Table Text Block] Total deferred tax assets Deferred Tax Assets, With Jurisdictional Netting, Gross Deferred Tax Assets, With Jurisdictional Netting, Gross Stock-Based Compensation Expense Share-Based Payment Arrangement, Expensed and Capitalized, Amount [Table Text Block] Basis of Consolidation Consolidation, Policy [Policy Text Block] 4-5 Years Available For Sale Securities Debt Maturities After Four Years Before Five Years Fair Value Available-for-sale securities, debt maturities after fourth year but before fifth year, fair value. Restatement Determination Date: Restatement Determination Date [Axis] Title of 12(b) Security Title of 12(b) Security Concentration Risk Type [Axis] Concentration Risk Type [Axis] Document Financial Statement Error Correction [Flag] Document Financial Statement Error Correction [Flag] Investment Duration [Axis] Investment Duration [Axis] Investment Duration Disclosure of Compensation Related Costs, Share-based Payments [Abstract] Share-Based Payment Arrangement [Abstract] Income Tax Authority, Name [Domain] Income Tax Authority, Name [Domain] State income taxes, net of federal benefit Effective Income Tax Rate Reconciliation, State and Local Income Taxes, Percent Constituents of accrued expenses Accrued Liabilities, Current [Abstract] Finite-Lived Intangible Assets [Line Items] Finite-Lived Intangible Assets [Line Items] Audit Information [Abstract] Audit Information Restructuring Charges Costs Associated with Exit or Disposal Activity or Restructuring [Policy Text Block] All Currencies [Domain] All Currencies [Domain] Cash flows from financing activities: Net Cash Provided by (Used in) Financing Activities [Abstract] Concentration Risk [Line Items] Concentration Risk [Line Items] Net income (in dollars per share) Earnings Per Share, Basic Operating lease payments Operating Lease, Payments Award Timing MNPI Disclosure Award Timing MNPI Disclosure [Text Block] Other Liabilities Disclosure [Abstract] Accrued expenses Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Current Liabilities Tax credit carryforwards Deferred Tax Assets, Operating Loss Carryforwards, Domestic Trademarks Trademarks [Member] Tax Credit Carryforward [Table] Tax Credit Carryforward [Table] Aggregate Pension Adjustments Service Cost Aggregate Pension Adjustments Service Cost [Member] Goodwill [Table] Goodwill [Table] Property, Plant, and Equipment Property, Plant and Equipment, Policy [Policy Text Block] Total current liabilities Liabilities, Current Total unrecognized compensation expense related to non-vested stock options Share-Based Payment Arrangement, Nonvested Award, Option, Cost Not yet Recognized, Amount Share Repurchase Program [Axis] Share Repurchase Program [Axis] 2025 Finite-Lived Intangible Asset, Expected Amortization, Year One Changes in the Reserve for Income Taxes, Excluding Interest and Penalties Summary of Income Tax Contingencies [Table Text Block] Granted Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Grants in Period 2-3 Years Available For Sale Securities Debt Maturities After Two Years Before Three Years Fair Value Available-for-sale securities, debt maturities after second year but before third year, fair value. Business Acquisitions Business Combinations Policy [Policy Text Block] Reserve for Uncollectible Accounts Receivable and Sales Return [Member] Uncollectible Receivables [Member] Amortization of Other Deferred Charges Amortization of Other Deferred Charges SINGAPORE SINGAPORE Stock-Based Compensation Share-Based Payment Arrangement [Text Block] Entity Address, City or Town Entity Address, City or Town Leases Lessee, Leases [Policy Text Block] Summary of Stock Option Activity Share-Based Payment Arrangement, Option, Activity [Table Text Block] Stock-based compensation expense Allocated Share-based Compensation Expense Share-Based Payment Arrangement, Expense Income tax penalties and interest expense Unrecognized Tax Benefits, Income Tax Penalties and Interest Expense Granted, weighted-average exercise price Share-Based Compensation Arrangements by Share-Based Payment Award, Options, Grants in Period, Weighted Average Exercise Price Forfeited or expired Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Forfeited in Period Business Acquisition [Axis] Business Acquisition [Axis] Amortized Intangible Assets Schedule of Finite-Lived Intangible Assets [Table Text Block] Area of Real Estate Property Area of Real Estate Property Dividends or Other Earnings Paid on Equity Awards not Otherwise Reflected in Total Compensation for Covered Year Dividends or Other Earnings Paid on Equity Awards not Otherwise Reflected in Total Compensation for Covered Year [Member] Foreign Tax Jurisdiction [Member] Foreign Tax Jurisdiction [Member] Liabilities: Liabilities, Fair Value Disclosure [Abstract] Tax Credit Carryforward Tax Credit Carryforward [Member] Tax Credit Carryforward Revenue Recognition Revenue from Contract with Customer [Text Block] Document Fiscal Year Focus Document Fiscal Year Focus Product cost of revenue [Member] Product Cost Of Revenue [Member] Product cost of revenue. Other Other Accrued Liabilities, Current Foreign income from continuing operations before taxes Income (Loss) from Continuing Operations before Income Taxes, Foreign Lessee, Operating Lease, Liability, to be Paid, Remainder of Fiscal Year Lessee, Operating Lease, Liability, to be Paid, Remainder of Fiscal Year 2029 Finite-Lived Intangible Asset, Expected Amortization, Year Five Document Period End Date Document Period End Date Finished goods Inventory, Finished Goods, Net of Reserves Lessee, Operating Lease, Liability, Payments, Due Total Lessee, Operating Lease, Liability, to be Paid Nonvested beginning balance outstanding Nonvested ending balance outstanding Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Nonvested, Number Insider Trading Arrangements [Line Items] Stock Repurchase Program, Buyback Excise Tax Stock Repurchase Program, Buyback Excise Tax Stock Repurchase Program, Buyback Excise Tax 2027 Lessee, Operating Lease, Liability, to be Paid, Year Three Accounts payable Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Current Liabilities, Accounts Payable Computer Hardware and Software [Member] Computer Hardware And Software [Member] Computer Hardware and Software Member. Prepaid expenses and other current assets Prepaid Expense and Other Assets, Current Product Warranty Period Product Warranty Period Product warranty period. Document Transition Report Document Transition Report Schedule of Unrecognized Tax Benefits Roll Forward Schedule of Unrecognized Tax Benefits Roll Forward [Table Text Block] Tax credits Effective Income Tax Rate Reconciliation, Tax Credit, Percent Customer [Domain] Customer [Domain] Fair Value Measurements, Recurring and Nonrecurring [Table] Fair Value, Recurring and Nonrecurring [Table] Entity Current Reporting Status Entity Current Reporting Status Retained Earnings [Member] Retained Earnings [Member] Income Tax Authority, Name [Axis] Income Tax Authority, Name [Axis] Schedule of Revenues from External Customers and Long-Lived Assets [Table] Schedule of Revenues from External Customers and Long-Lived Assets [Table] Restricted Stock Units (RSUs) [Member] Restricted Stock Units (RSUs) [Member] Increase (Decrease) in Stockholders' Equity [Roll Forward] Increase (Decrease) in Stockholders' Equity [Roll Forward] Executive Category: Executive Category [Axis] Purchases of investments Payments to Acquire Investments Constituents of Provision for Income Taxes Schedule of Components of Income Tax Expense (Benefit) [Table Text Block] Employee Service Share-based Compensation, Allocation of Recognized Period Costs, Report Line [Domain] Statement of Income Location, Balance [Domain] Company Selected Measure Name Company Selected Measure Name EX-101.PRE 13 cgnx-20241231_pre.xml XBRL TAXONOMY EXTENSION PRESENTATION LINKBASE DOCUMENT GRAPHIC 14 a2024insidertradingpolic001.jpg begin 644 a2024insidertradingpolic001.jpg M_]C_X 02D9)1@ ! @ 0 ! #_VP!# @&!@<&!0@'!P<)"0@*#!0-# L+ M#!D2$P\4'1H?'AT:'!P@)"XG("(L(QP<*#7J#A(6&AXB)BI*3E)66EYB9FJ*CI*6FIZBIJK*SM+6VM[BYNL+#Q,7& MQ\C)RM+3U-

,YK1U[PE::Y?VVI M)>7NG:G;(8X[RRD"OL)R48$%67/.".M59O EIO>%[GQ%IMU>IJTEGHQU6SN)HDB88+*4D"84 MC*@C '&14?A;6]4U3Q=;0VWBJ76-,33VN+S;9Q(L'K+6T\2:>UHG MB.WTN..07ZZW=)*)"5P@C 9CN#*KW6XIX[R[M[M>>Q6T14:.23R]VX#=OYW<8';%3ZGXLUR_P!8U^/3KK4[5=,G-M:P6>CM=1SR M*@8F5]C8!+8PI4@<]ZZZ/P3IT?A73?
#PGNOLFGS0S1.67>QCD#C)QC&1SP.* M;=>#E?5KO4=-UK4]*DO2K7<=HT925@-N[#HVUL #*XSB@#F?$OCG6_#%MH^K MW5NGDZO9"+^SIML;6MZ5#
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<0!DXXSB@#C/AM866JZ#J.K:A:PW.HZAJ%S]L: M9 [#;(R+&<_PA57"]..GWZIJ?BF_\.:)J0T/3M$M;=?]'MHY&D:125 #@A45 M5 P!D^M7;CP';_VG>7FF:UJ^D"]D,MU!8S((Y7/5\,K;6/
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M%5QM#88#H1C)QG%;47@K2K>PT:S@-PD6E7GVV([]S2RD."92V3(Q/3FLOQ M!X9O=9^(6FWT5Q>V,%OILR"]M*52DID3"D,"&!7=P01^(% on.#:OB[Q!#83:*U MW#)JXU]=&CU%H !L9/-
\TH,*7"Y&.F<5?EU;7O#NNWCWFK'4TET>>_M;F6W MCCDADC(!4A %93N!";'-:H^'^D \(^VE-/>M(UW]O-^91]I^TYSYN[& W;I MC'&*ELO!=M!+?7-[J5_J5]>6ILVNKIDW1PG.50*]JHSSTY(&:
,32M0UR/P% M'XAUSQ7#;-?6MO*C"Q5DMM^#A5'+NP(&#D;CP,<5CG6M6U.Q\7Z(VL7TL4&E M"[@NKS31;3@$2!T*,B@J0G#;1C)YR*[F[\(6%WX3LO#S3W*0V*0"VN(W EC:
M'&QP<8S\H[8]JBL/!=K:WNH7WMJ-_J-SJ%H+2Y>Z=,,@+= BJ%^\1@8'XY) M.7LJ]3T7P+X*+ZC]L^V7VG1CSK:/]U$Z#Y%P.W][[WO5V.\\2^)9O$%WINN+ MI<&F7DME;6ZVL<@E:
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M;A[)DQ.BYV[@ZL,C)PPP1FG0^"]*MK31+6W\^.+2+DW4/SY,DA5PQG- &QIUOI5Q-I'"Q5%"@G&.<"@#SG5/%U M]8:M;7%CXBN=1A;58[2:W32BMHJ/*$*B?;]]<]=YR1T[58TG2]6F^*/C#R?$
M,\.(;4\6T39#I+L'* P=O7OFM8?#>Q$<5J-7U4:;!>"]M[$2((HI!)YG79N9 M=V>&)QDXYP1T-GHEM9:[]>L1O*;C4$A256(VJ(@P7;QG^(YR30!Y=X9GU/1O MA7H=T-1^7]1VQ5S6-0N-
*C^>)E[:F,3Q75F5 M\R-77F&$627S0"<8QGCITHU#P3 MINHP:_#-/=*NMR127!1ERAC55&SCC[@SG/>@#$\:Z[=6-W?)8>);N"ZM;7SE ML;+2OM00X)!F;8VT-CU3CGGK63,=6\0>,_!6IQ:Q)8O?Z-
+-Q$2L+.H MW Y#%AUZ8XKK=3\#VVHZIJ%Y'JNI62ZG&L=]!:R(S$N J[1DE2RG;P=I&12W' M@BUDM]"6UU+4+*?1;?[-;W$#)O:(JJLK;E(.0B]ASTQ0!RNI>+=ZT*SOKRV>VGEMDFFM
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(5TM+V%T\T*_WE8%2 MK \<%>PH PCXB\40>"]2U61IDDT:],F^]L_LQU"T4!F!5@-C88@%0,LH]:Z/ MP1K-[XDT]?7IY0+.]F8V-L N8(5)4;B.KL021DXX'8U+-X1BO=/M[+4]5U'4 M(HKM;N3[0Z?
OV7[J.%0#8" VT I36>F* .8%O!JWQENX]1C29=,TJ)[**4;E4R.V^0 _Q?*JYJWXCF MDT>^TK1_#R6VFWFO7KB6Z6!3L"1%G?;T9R$ &Q7(NXM1>X!GBE"[\W/B71[K4_[0EM=#?
5;*\>!$D0C>NUPH"MAE!' [YS M4-YJ?BS2_ EOK4NM07&H:A-8^5$;55AMQ)(H9>/F8$, 2>>"1C/'1V_@FS2T MU=+N_OKZ\U:V-K:(MI4*@50]@;B< =3DYJGXV\-RWW@>TT.PBFG6*X
MLT.U]K^4DB;FR,8(4$Y% %"YUW6_"'B"6UU;4_[8M)=)N;],VZ0O%)!@LHV# M[K!N,Y((ZFJSZMXITC0-%\4WNMQW<5[-;?:M.%]BQI'.RC$; ;kO'4G.*Z; M3?!5I:-A<7]]*WVKW,ML;,/?NK>7 3DH
JJ.>,DY)QUJI9?#VSM'L8IM6U6\ MT[3Y%EL]/N)4,43+]SD*&8+V#,<8% %?2;KQ%K'C;78CK"6^E:5?1QI;I;(S M3 Q(Q5F(X7DD$.F%'7-< .:?#BRM!IL/]L: MM+9:97"5)("'IF')'S$D#I0!B^$;/5+76?
&MS)KWB M E?[/&0Q(&1C@8'"%.TG7];UNR\(Z-97R:?/?:1 _:%Y>1VZ%@J[%"QH1L!+/ MSQP!P*ZJ+PE!;Z[J6I0:A?1QZB,W-FK)Y+OL";.^5W X [XR.E57\!V*Z=HMO M9W]_976CP?9[2]@=/-V8
L"I5@< X]1QB@#F]2\5^(='T'Q=9O>Q7.IZ)/ M:B"^:%5\V.8H0'0#;D L"0!V.!6U8W>20X1XZL=(U35UU.WU&RFG'^C)%Y$D; MD+MY*$*/T;)XZUS/J,R3WE()(IGE=64@D[< #8 !TK M7N-
$MKGQ#8ZT[RBYLH988U!&PK(5))&,Y^08Y]: .?\ B QD;PO8M_J;O7;= M91V94#R ']_@2+6AK'@O2M\;YWWMO#;2[), 1QR>8 ...GKZBF>.-)N] M3T2"?3HO.U#3;R&_MHL@>8T;E 'AMAINMGX#>
(+ MQ->"V O&\RS^QH3)B0!OWFFWU];WR3:7/,TO MV&)'5!$2J*P!88 X(SWKL8?AOI$'@:^\))G'7]$UCSKG[1H]JUK;IN78R,NTEAC)./0B@#DO .I^+_ !=:P>+I]?@A MTN6XD']D+9J0(5)7_6?
>W9&?_P!=W, M;!'GA<[\?SSI]M=!80Q.2!\NX*>XS0!D:5)OC#Q#\3>=TZVUN&T MT?1;R!GA-JCO,C#E!L< A6^;]"15/P;XGUW4_%,ND^)]?N]-U24$K_8[Z>D M:,F#M:";&21URO6O0=
(*V.BZ]K>L6\MPUQK#QO.LC JI0$#;@ CJ>I- M9.F?#]SL=?LM8O-9UC59K!76R2_N!(L&X8)&%!)QODD_I0!LZ3X6TO1;F*>S MA96AM$LX0S9$<8)8@>[,I('I6-X&8PZIXOL%_U-
OK+O'Z#S(TD8#_ ($S M'\:[*O/;7PWKTOAF[B1I=.U#6]8-Y>2QS;9+2'>" &4\MY<:)@=V/:@#OIW$ M5O+(9$B"H6,C_=7 ZGIP*\UTGQ7?#Q=H-M%KUYJ]CJC31R-/I1MH-HI%SC*L,$?D:Y?3O -
O87ND7,NM:K># M2,BQBN)(]D:&,Q[2%0;N#U.3P.>N0#E;GQ!XM7POK_B9-;B2+2-0N8XK(6B% M9XHYBNV1L9SMX&W'3)R370W%]KNO^,M3TK2M7&E6VE6T#L1;),T\LH9ANW=$
M4<#!.3S6G)X*TZ3PQJV@F:Y^RZG-/-,X9=ZM*Y=MIQC)XR#2:GX-@OM8.J M6VJ:EIMS+ MOCM=1SR*@8F5]AP"6QA2I Y[UW MWAW0+3PQH<&D6#2M;0-
(R>:VYOG=G(SWP6(^E9MUX.5M6N]0TW6M3TI[TAKN M.T:,I*P 7=AT;:V 2N,XH Q#JOB??/$^G:7!?'1$N-"CU"Y0VRR2Q2E]!= MXX.2 <@].F3D8T7B/Q>G@U?%-SK-
NPLKX6DMG':*$N46X$#LS'E6))(VX QT MKT2'0+:'Q FM>="=-;PI/X=,]U]DFN3X\1ZSXYUO1K'7!IME8VUM*K):I+)OD#\ L,;? MER<@GIC'-8FFZW=^(-2^`M]?B/[8+O4()FC&%9XXI$+
>AVY_&M:;PC?ZC\0 M=>U(:AJ>E12VMK%!W)H Y'^W/%-_X+O_ !O:ZU';PP>?/!I9M4:)H8G8;7F\%)R2H8#DU%XP\+'Q!XI* 6;&TL9Y M)[F=2
BQJ%98B.X9U0X[;#0!CWGB/Q!#JFF^'KN_U""ZBTJ.\O[K3M,^TRR3 M.Q7:%",J*"K<[>>!QS3;CQIXABT30[.ZBO+34M0OI[=[I--=IC#&$82) 02& M=0O!! RQQ@5V6L>%HM4U6'5K;4;W3-
2BB,'VFT*9>(G.QE=64@'D<9!-,O?" M$&H:796UQJ>HM>64QGM]1\Q1<)(.;8_P!J MMEMYX#@?(Z!5P>_W1U[U+'X\::EHFFZL= M)M=++MH9)98H$EDFDEW$#YP0% 7TR2>M6'BB/3IY((
M$*32).%28!@<8QG;T))SVKT#5O",6H:R=7L]4U#2K]X1!-+9,F)HP20&5U89 M&3@XR,TB^"=*CT73M+B:X2&QO8[]7\S<\LROOW.Q!SN;)/Z8H OZA)=Z9X6N MY5F:YO;:R=A*R &214)SM'
R1T%>)?$L_B"[TW7%TN#3+R6RMK=;6.02O$HW-*S G!8XPN,"LN;Q]/ MJ,/AM[G6H_#EKJ.E->RW*QHY:8%5\L;P0J\L>1DX !KI[[P';7-[J$UIK&JZ M=#]3;KVVM)4$UTM;. Z'2@!(K9\/>'=1
MO;#3+GQ'-=_:].OYKJS265'E6)@R(DS*"&8*QS@^G)K4NO!^EWUQKDEVLLR: MU#%#K>(9/$-M8-=:S>V=W;RB>YO-&-I]DE M !5D)0 J>1M;)R!R:B\)>*]N1Z7:^;I=G++$8XE5@JH25!
X!QBK6NZ%8>()ETW48V> M"0A@48JR,#E65AR&!Y!K+L/!RV\C'4-UA@Y5%7<<9&6SU MH YQJ4\4:+I6A>(K[6TO8K^XMH[O3Q:HD<:SD >4P&_*EA]XG..U:.AW7B+6
MO%^N!]82#2M+U'R$MDMD+3 Q(Q5F(R -V01SDG)P *LV/P_M+26P6?5]5OK' M3I%DLK&YE0Q0LOW#D*&;;_#N)Q6[I>B6VDW>J7,#RL^HW7VJ4.00K;%3"X'3 M"#KF@#S6/Q'XNB^'R>-
I];BD2WER^GBT0)-$)O+;<^-P?&2"N!P!@]:Z&*Z\ M1>*=7UX:9KG]DVVEW7V*"-+6.4RR*BLS2%P3MRP "XX'6LWPG\.'?PO86^MW MFJ11"[B??26F4P.XE9E)X+8^ZVT-
@GG'6NDU#P/#=:G>WMEK&J:6=0 ^VQ64 MB!)B!MW?,K%6Q@94@\4 /FYSBKGBG5[_33):P>++P:A:6*R-!9:0+@LX4_O)BJ,$5B.@V8YKIX?"> MF6MUH.M3WG@K2M0.N?:S/,NLI"
MMPI<#:8AA&0@9!S@YYY% &2MUK_ASQ;H6GZAK9U>TU(M M1OKJ^N[2*[@GE#07"SD!@D>,)C=E=O8X;:Q MV G[HP,DY7&WKZ\%+K^MV7@SQO"MUJ=O-I=S +1K^17N85D$;%6=&(8?,
<X;:Q* G[HP-Q.5QMZ^H!L:MJEIHFDW6IWTGE MVMK&99& R0!Z#N:O:NQ) &UK;65C++I.KK=7TK16]A]G'VA]J[F;;NQM YSFO-] M;FO[_P''OCG3[VYU>./2KB-H([V=6G"-
&C>7(R%@ZY8DM.WU2UNM3O-/B9S>'?&<<5Q<22QVWB"SBA5CD1IOMCM'H,DG\:W+O73::YXY&H:K=VNGV5O9&- MX<,\)=7!\L$$;F.!TZXH [ZH;6ZM[VV2YM)XIX'Y26)PRMVX(X->:!-J#^-
MKC07E\1VMA=Z0]P!]5RCS+(LJKOC968KPYX..1TK$T.XO?#/P1M=1TV\OI+N MJDBMD#R*ZV^ZX*$QJV%4X8]3C.,T >T45POA>'Q#:^)]CVFN1Z+):-YIU>[A MG99PPVE"DC, 06R.G
Q5GQ9'(+^XL+;4!<37$ULVR5Q$JD1JW\. M2V21SA: .JO;R#3K"XO;J01V]O$TLKG^%5&2?R%4]!UM-?TX7T5C>VD3$;%N MX@C.I (8 $\$&O-];6]71OB#X2**&28QJ>A?8IV#ZXK:M+NWOK.&
(M)DFMYD$DF>!_%FK6^I:W'%]IA32Y-1=Q*L6Z,%MCX8 LSCG!(ZT >O45P _M M#PMXXL;4ZQJ.IV]_IUU--%=R!OWL.PAD V9WD;1Q[5S_AV]\7:MI^B:[:V^ MO37=U/%-M
'KU%>>VZ:EXB^(>HP2:SJ-C86EG97(M+:39F1]YP3C. MWY3E>_&>E93+JVHZ-XSU=O%&IVTND7]Z+*.&4+'$(AO <8^<'I@\ =!WH]7 MHKSBPO=0\:Z_%9W6HWNF6T&C6EZT-C+Y+RS3
DDL.=J[<8'<\UERZSKT_ARW MT^/6KB.ZA\5?V.-14*9)806&6&,%@#CI@E>: /6ZAN+JWM1&;B>*$2R+%'YC MA=[GHHSU)["N(UJY-.T!-4\57X(99Q!97*B:1-P_>22L5X!.T#<.O0UR
M=RU[XB\#>$[C4=0U%+F/Q$MFS"4(Y N&0,^W@R*%'S#OD\YH]=.J6HUE=)+ M/]L:W-R%\MMNP,%SNQMSD],YJY7GNM:O?^&_$=U#!=7-U!8>%KB\6*>0OYDL
M*VO;FZ>:UAL+>&>\>6/_4>8,JC!#-6@U2 3QW^KWCW498KEA.<#((/ 1?RGIQ0TJRT[X8>+)K2 1R7NV>X;<3O M?O.O"Q\6 MVW@9IJ4?1DLDT8-
9M8+*)U(B!4N6XZ>G>O.H[SQ=%X/\'>)4\9ZH;S5K]=/: M*0AX8T8N@;8>'8;];-?/2>(-1\.^%?&LNES_ M &:YN_%TMI]IQGR%<\MS[#'XUTTEKK/AWXB6'A2V\5:O?6NMZ;<;WO;CS);6
M148K*C8!7D# ^O7C !Z_17A6@>,==\12>$?"9U"ZAUBUU"8:S(LA#F.W[,>I M# X/J15&+6O& BA=9U?2#XB?4;?47ALX[6>);&)$(_=R1LP+'1.21Z>] 'T'
M17B.O:WXEU_Q]JVC(/$$2Z;90F.WT2XCA*S/&K%Y"S# _M5GPQ=V>L>$=/N+2]N;RUGM@%N+@XFD&,$L1 MCYN#DCO5FPT+2]+E26RLTA>.V2T0J3\L2DD*,G@9))]>^<"@#1HKG?&5];VF
MEV\4]WJ4#W5RD,,>F8\^=R"?+4G[HP"2+V\\SR3-%#^[7)W2.$7\ M,L*Y)5U'PQXYTVU.LZCJ<&HV%U+/'=N&'FQ;"&0)G<1M'%>(+^>XO[VSFGM6D!MR&N$PB)CY-O'(Y.#G.:
/:I)$BC:21U1$!9F8X MZDFFP3Q7,$<\$J2PRJ'CDC8,KJ1D$$=0167XLM?MGA+58?/FAS:NV^!]K# S MC/H<8/L37 61O-'^"@VTL=6OHVUR6RMI+B20.ULCP[F$61A<[=HZXS0!ZO1 M7G-
Q=ZAX2\37VFV^KW5Y:/H=QJ"_VC-YIMY8B &WGG8<\@]QQ6?X4_M34]<\ M/W,5]XH>);1I]7^WB2*$%5V!0P"G+%N$RN,4 >K5#'=6\UQ-;QSQ//!M\V- M7!:/(R-
PZC(Y&:\AT74_%^O:/9^(;"UUZ74;BY$O-U;K8>5YN&C\HR;@ @(S MMW;AG-=!X8T8)\4O%MQ_:6HMY$EJ_EM<923?"3AACD+GY?3 H [/0M:M?$.C M6^JV0D%O/NV"1<-PQ4Y'U!K1KQ+0H-
1T7X9Z)XCMM6 MR%,12Y);H0 M5P/7- 'J=%>:3_\ "1ZOXA\+Z1J6IWFE37&CRS:E'92*K-*K1 [6&0IR>H[9 M ZUU_B:SOY/!NH6VEW=Q'J"6I-O.K?O#(HRN3[D8/U- &Y5.\U2UL;NRMIV<
M2WDABA"QLP+!2QR0,+P#R<5YG#X]N[[Q9HNL1W7E^'3;V]M>QY^47%Q&\@)_ MW=L:_P# ZM:7JVLRP^"[RŸO;D'6]3N+B2(N<"!XI7BCQ_="A#CUH]"EU2SC
ML[VZ6=)H[(/YXB8,495W%3CHV,<'U%.TS4(=6TFSU*V#B"[@2>/>,-M90PR/ M7!KS+PUHPM-,\?7']HZC-Y-[>P>7-<;D?]PAWL,5) 2H5 /E*[5PW4\YSF@#UB66.&)Y976.-%+,[' 4#J2
M>PKF;;XB^%+N[AMXM5&9W\N&5X)4BE;L%D90C$]L'FJ7Q89D^&^IX+"(M LY M7KY1F0/^&W.?;-2?$B.P7X6:VDBQ"V6R/D!0-H< >5M_X%MQB@#6U7Q-:Z7]
M]II7V6]N[VY0RB*TMWE.,,%+ODC"Y8#U]JJMXXTM+G5%-O?FUTPLES>I;%X1 M(N-R#&6+#<.BXZ\UMROHL]S\5M/DN2U**Y/A]9Y5CN"H#K+&I3&/ND\D=S6 M-
:V]SH/@'Q_J=EJVI"YM[^JBC9[@D JZ_O/]\JVH]G5@ZAAT(R,C%+7!!+W MQ3XVUS3I=9U&PM=)AMEACL9O*+O*AWJ7 M:ZB;9T#N(U!4Y7*AB #D=-QQ4WB#[?H&L)%4#D^X]:T@0
M1D'(K+U+P[I6KSF>_M!-(;66S+%V[F3&]>".N!SU]* *=QXTT*Q\-6_#& MP6.GW #0M<*0S@_=(49)R/F S@]!4GAOQAH'BZ":;0M12[6 @2@(R,A.<95 M@#S@]NQKSWQ=;6<7QJ\"Z=?
1HNC0VD@M8Y>8_ 8*.>IXBQ[XK<^*FMR>&/" MMS=Z,UO::I=SP6LMTJ+OB1BV&;Z88#/3)QO!Z%17D+RZOX%^(NEZ1#XEU#5; M/4M/N)9EU6?S?)>-&82
X^525Z>F>O&,#P;+XG\3ZGX9NH]3\78E=[C5YIG, M=H5!R@BXVD'I@=0>W8]]HKY_N[CQ+J.B^.]:3Q=JUL-"U:X6TMX9<)@..&/ M4KC "]![YK?_
+5UCQOXRT70)=;OM(LV\)Q:G,VG2"&6XE?;D!L< 9Z>Q_ MJ*\0^)--\+V4-WJ;R)#-<);H8XRYWMG' [<&M*ZN$M+2:YESY<*-(V!DX R: M\$F\6^(H/!MW:'6KJ:73/%2:='?A\//"-W#$?
>Z< 45L:G)K'BSQ;XY1O$U] MI-KH%NJVUM;N%C?,;%FE4\.IVGK_ 'ASQ0!ZIX=UZS\3Z#:ZSIXE%K= F/S5 MVMPQ4Y'/<&HM8\36&AWUO:78F,D]O<7(,;@A4A4,Y8YXZ@#WKQ73/^$BA^%_
M@Z\LSJ[>'[>&Y;44T:<17(/F/M;/4J.>![Y[5ZQH6G:!XF\,VFH@SZG#>6*6 M[7-VQ\V6)6)VOC SNSNQ['.1B@#0MO%-C\T/P5?WUA((MKH&**.5ER(C)(J;\'C@-G* .EHK@/$D%_X*\)WUY8:]J5Q-
,8+=7U"43"!G ME5#*,CC 8G'W<@<4XP7OA7QMX.!730- MJ&@^+-8T9=8O[VV;0_MZ->2^8\4H=D)4X& < XZ CB@#T*L[2]:M=7FU&*V$ M@;3[HVDV]:6L^L:=X2\(>*6\1ZC=WM]/917%O+
(##+'-A2@0 M#[P!SNZD@DT^2YO],7L2M QAK.GS2J=+\3_ &NXBC/^O@6*$2H?4;"3]5% 'K-% MNZA#=N^D6OEV-JBM^[>0#?+)CNA5FVVO:;=6SW"W0CB2Y-H6G4Q9E#;= MHW
9R>!CKVKSW0-:UNZD\\ A:[U"5M6LM3N%U.=6^:6& ;ESWP FPCWYK.U MH76N>$1+>:E?;X?%S6R&.;;A/M@51_P$#Y?2@#U276K6+Q#;Z(PD^UW%M) ;N\FL-7LKV\FO#INJSV<4\YS(T:
[2NX]R-V,]\4 =!#JEK/JMUIL;. M;JV1)5,;!0'SMPQ&#'T0\5IVES\0%M[Z>,66CVTUL%?'DNPERP^ MA.!^56K=-3T/QCX75]=U" 36(YUO([EP8]RQ>8K1]!A.01@=OSH]!)P,U3T MO4[76=-
@U"R9VMIP2A>-HR1G'*L 1T[BN(\+7-]8>)$L/$MSK$>M7'GF(O,' ML;M0=W[H#A"JX.W"GZUD:/JVK:]HW@/2I]7O(!JL5U/>74,FV>7R?NH'ZC.[M)QSA: /2;+6K6_U;4]-A\S[1IK1K/N7"Y= ZX/?
@UHUXS/?:CX23X@O9W]Q> M7L=UI\$U,$:11(B("-+77H](>SD^T-J]Y!,R MS#!1HRDC,,C<'.!TH]!J%KJW2ZCM7GB6XD5G2(N [*N,D#]0,C/U%<;,K6 M_N/"VFZ[>MZA?W=[:(6CFD_=(.V%Q][
Y;.3D_A3\1:,+WXMZ$?[2U&#S=/ MNFQ!<; NUHN%XX!SSZX% 'HE%<%HT&H:OX[\1RW.N:A'9:7?Q+;V<,@6/F&- MFW\?,O/W>@R3U/& -H7L6F:;=7]QN\FVA>:3:,G:H)./? JI9>
(+"^N+*"%I?.O+,7L2M M$V/*..K8V@_,.,YKSO4H]0\2:#XYU6;7K^U.GS7EG;VL,@$"Q1)@AT(^8ODD MD\C(QC%:N@:A=IKGANQ6XD%HWA3SS"#\ID!B ;'J 2/QH]#HKQ[29];MO! M@_Q1-
XCU*YO+R\M(+B&60>0\4KA"NS'WL'.X\Y_(&LW^L:Q?:]97WB#^UHM M3%KIR6"R+:")=F[>ZC8",ON+'(.,4 >PT4R&+R8(XM[OL4+OD.6; QDGN:?0 M 4444 %%%% !1110 4444 %%%% !1110 4V2-)HGCD17C<%65AD$'J"*=4%] M="RL+F[92RP1-(5'4[03C]* ,#3O .@:7>6US!1..F* MJ>?3CMBMFPTFSTV>^FM8BDE]/HG)8G<^U5SSTX4<'DT34TUK0M/U6.-HDO+ M:.X6-CDJ'4-@G\:O4
9FMZ!8>(+>&*^27=;RB:"6"9HI(G (W*RD$<$C\:SX M_ OA^/3-1T\6LK0:DR/=[[B1WE9<88L6)SP,G/-='10!2GTFSN=7L]4EB)N[M-)(X7W$;5DV[N.ASM'6H-;T#3 _$$$$=\DH:WETT$S121.
1N5E((X)'XUJ M44 M7J* ,2?PGH]S;ZA!+;,T>H727=R/-8;Y4V;3UX_P!6 MO XXIUYX5T;4#JQNK3S?[5CCCO SMAQ&#LQS\I&>HP&+!RZICG/J:CM? ^@VFG7^FK:RR:???ZV
MTEN)'B7YBWR*3A/F)/RXYQZ"NBHH QM'\,V.BW#7$$^HSR&/R@;N_FG")D'" MAV('03S()H96BEA;&,JZD$<> _-)I^NZQSA@UC25 M@9'TPPAY"22S/)+/N7:2TC$L
M3CCKQVK9MX((6VBMX5VQ1($09S@ 8%9OB#78] L[:XD@:83WD%H IQ@RN$!_ M#..UJ .;U+P)H.IZG+J,D-U;W4X"W#V=Y+;^>!P X1@&X[GFG7O@C0KQ;+9!
M/9R64/V>":RN9()$B_N;D()7V.:Z*B@#A/$O@=*TK1;#1]+MKC3M/NVN)M/D MG:)\]P#*7!.X,VXY/S=S3="\$R2PZU;ZO:?9=(O_)6E)?
23B(HTU66(F\M(Y(H7W$!5?;N&.ASM%9%IX&T6PO$GM/MT M$23>>EI'?3+;J^=V1$&V]><8Q[5TE% &"_@W0Y-/DLVM6*27OV]I/-;S/M&[
M=YF_.X'MUZ<=*VY8HYX7BE19(W4JZ,,A@>""_XI]% '+6'P\\.Z;=P36UO=! M+>02P6SWLSP0N#D,L9;:"#R...U*_P /?#CWCSFUG\IY_M+V8NI!;-+G.\P[MMA.>>F,]JW=-U*SU>R6\L)Q-;L[H'
(R58JPY]"I'X5;H 10:39VVKW>J11$ M7EW"'',^XD,L>[:,=!C<>E<9IOPUL+BYUN?6X)2;W5)KCRX;N1(YX2P*'5%(M#8.>"*] HH PM7\(Z3K-U!=S)
<6]W!'Y*7%6EUBLI=4^4LT9(9>1Z@B@">#PWID%W%=^5)+/'9 M&Q\R>9I2T)8,0VXG<21U/-9^G> ?#^EWEM<007+"T8M:P37WB6*)22<*H R>O J>B@#G_#FBW.AZAKL9*&PN[TWML0
M?F5I%'F*1V&\$C_>]JTM9T>QU_2+G2]2A,UG<^4 MD4D@DYR>6/!KI** .4\1>#;2]M(&=[86X&M:KIDED9'E8*WR$*,9P.<SQI-C!=5SMS[XZ\]>:]$HH YS_A!/#9TS5=. M?3A)::K?/,\KJG
M]T%B<#Z5TU% ` >%/!5SIWQ(4>*;VV@@^,W,(K-(GW'R^-SMZ%BJG\ZO7WPO M*ZAJ=$?R6=Q%)=OON8[>[EBCF;N656 YKL:* .8UWX?^'O$.I)J-W;317R1 M^5]HM;AX79/[K%2,CZU#?_#?
PUJ%G9VLEO=1Q6L)@00WDJ%HRH"J,=22Q)Z<]-7/ZQX MEET_7;+1K'3)=0O;F](AE658UBB5E4L2W4Y8 #^5;-[(+2*WOTD(AE6>&2*5HY(I!G#*RD$'D_G6;'X#\ M/QZ?J-
E]FF>+4C&;QI+F1WF'*DL6)S[YK?MIOM%K#.8I(O,0/YI: *4^DV=SJ]GJDL1:[LTDCA?<0%63;NXZ'.T=:Y__A6WAC?S9SF)9A/% M;FZE,,$F\/NC3=M0DCL.A(Z$BNMHH
;)&DL3QR*&1P592.#U%<[#X$T"'09 M-$,%Q+I[.KI%-=2N8OW?+8ME,=MI%=)10!RD_#FVM=#UF'27D_M74+1[?[; MJ$SW+\J0JEG+':">@X]C7/:!X,U*QU719+72()#BL#_IF44 W'VF:
(2ODR94Y#9 MR,,5X![5K3:%ITTFF.]O@Z6V^T"L0(SL*=!U^4DM:U5--U*SUC3H=0L)Q/:S#='(0&&<=^>HH FN;:"\M9;:YB2:"9"DD;C* MLI&"".XKF;3X<^'+2>WD$%W%
%:N'M[:XO9I8(6'0K&S%1CMQQ75T4 4CI-F= M<76?*/VX6QM1)N./++!L8Z=0.>M4I/"FCRZ1J>EO;,;34YI)[I/,+NYRQSG M(SCM3I]?C@\41Z%]GD>5["2^#J1T1U3;CU.ZKVFWIU'3K>\-
K2UNY(#+&/X'V,-P^M%_X,T:^N(+D) M=6=Q# +=9K&[DMW,0Z(Q1AN [9Z5T%% &5'X=TV*?2YUBD,NF+(MJSS.Y4., M-DDDL2!U.:JZIX-
TC6;U[F^%Y(LI4S6XO)5@FVXV[XPVT]!VYQSFM^N8UOQM M9:->WUJ89+A[*WCDE$9&?-E;;#*/5G.?H!D]: +6E:%+:>)-9UJZE5IKXQQ1 M1QD[8X8Q\H.?
XB68G\VYW:Y+Q'\0]"\,WUOIMS%>7FJS1^9]AT^$KQ0]Q MQU]_:MGP]K]EXETA-2L!,L3,R,D\9C=&4X*LIZ$&@"'Q+X3T3Q=8I9ZW8K",^JL"'''ZUF6'PT\)Z?HU_I4>E^9;:AM^U>?*\C2;<[?
F)R,9.,8Q M76T4 <7:?#71=$LM2?0H/+U2YLY+:&[O)&G,8*D*,,3A0<< FV>CR:;<++>:E;ZE)*UXH/*B+ "AN^?_K'W&B@#GE\$: NFZSIXLV%M MK,SSWJ^<_P"\=_O$'.5_#%5M7^'7AG6H-
/CNK*17T^%;>VFAG>.1(P,!=P.2 M,>N>_J:ZJN?U[Q5!H.HVMI+ THEMKBZFD5P!!"H)9O8DA1[F@"#_A7WA@>' MK;0DTT)I]M<+=)&DC@F4=&9LY8\]S4>L_#?PKK^N?VQJ.F^;=LJK*5E=5F
Z M;U!PV,#KZ#-;VD7SZIHUE?R6LE]JS DI@D/S1[@#M/N,U=H XZ?X8>%Y],LM M/%M=0V]G$T,8AO)4)C9BS(Q#?,"2>M=/IVG6>D:=;Z?80+!:6Z!(HDZ*5JB
M@#G];T6YUCQ%H,K;!IVG3/>2@M\SS!=D0]!O=L^PK7U#3[35=/GL+^1)[6X M0I+$_1E-6:* .0W4(@E%[=23_NQT1=[': >>,=O2I-(\ M':1HM\+Z!;]>Z6,PQS7EW)<-%'_=3>QVC@=*WZ*
,1?">CIH5OHJVS?8+>=; MB./S&R'63S \36' MA[[-'>03TH YSPE\.=,T?2]#DO;>1M0L8(V,1NI'@CN @#2+&3L#$YY [Y MZUORZ+;V.F:V-.LTEGURWD,LAVS2M&%P<]
0JCCBMFB@#G_!'AP>%/!NF: M-\IE@BS,R\AI6^9SGO\ ,3^&*M:UX;TKQ"]@^IVHG:QN%N;<[BNUQTZ'D>QX M.*UJ* ,FV\-:3:>)+SQ!#:A=3O(EBFFW'YE&,#&<#[]/05!-X/T6XT6[TF2 MU;
[)=+7+7<@$K!A*S^875@#W:* ,JT\.Z?9WEG>()Y+JTMWMHIIIWD M?8[!FW%B=Q)4FBVOM0U&2/S?LEA!YLBQYQO;D!1GCDC/:M#1]6@UJP%W!#*YA:*1& M'4,I_P#U4 5;[PMI&HQJY-
NSG5;=+:[Q(PWQKNV@8/'WFY%6I]%L;F^TZ\E MA)GT[?\ 9FWD;-R;&X[_ "^M7Z* ,#3?!ND:5J,=]"+R6>!&2W^U7DLZVZM] MX1AV(7(&..W%1R^!]"ET6PTH6\T4&G-
OLY(;ATE@)SDK(#NYR>]=‘10!SUIX M(\65CJ-E'IX:WU(7:2R-)YQ QEBQ)W=\YSGGK4NE>%-/TB9I89M1F8Q&%1 M=W\TZHAQD*'8@=!SU]ZW**
>E:7::+I5MIECA8[6VC$<2%BV%'3D\FJ>L^& M=-UVYL[F\6X6XLRWDS6]P\+J&QN7*$$QK&X1[5-]7[>7S[:*;RY(O,0-LD&&7(S@CL10!6L])LK"\O[JWB*S7 M\HEN"6)W,%"
X/3A1TK#MOAYX=M)[66*WN2MI.+BTA>\E:*W<'/[M"VU1GL! M[=*ZFB@##F=0\ >'=4O[N[%68 ,;&Y@2YD2&=@,!GC#!68#')':M&W\.Z9:W MEK=10$36ME]@B;S&.V'*G;C//W1SUK5HH
Q4*Z0FB:?HZVS?8M/DBEMH_,; M*-&VY#G.3@CO7 WW@/5Y+C70FCVLM_J%W+-;:Q'J3V_D!ON$Q,[D '3.XCD M\FO6*R?$NNQ^&O#UUJ\T+S1VX4F-" 3N8+W^M &A:12064$,TQFECC57E(P7
M8#!;\>M3444 %%%% !1110 4444 %%%% !1110 4444 %9^O_P#(N:G_ ->D MO_H!K0IDL4<\+Q2H'C=2K*>A!X(H \KLS9:EX>\':(=)FU2^ L**Z$+7S

-5/%6@:9J/Q5\,F\A=OM%I>;\3R)N*"+;C##&,GIU[YKO M+'3K/3(&@L;:*WB9VD*1*%&YCDG]35;5_#^D:^D*:MIUO>+"V^/SDSL/?'U M_6@#@[;3=/\ $]WXQO?$%W<)<:=?2V\!%T\7V*!(U*.H!!.2V[O^%=;X$OK M[4O >AWNI%FO)K.-Y&8'=9OQ?:CHME=70 !EEB!+ = MW]X#WS6TJA5"J % P_U 'F7_"-6'B'Q_P"- P"T&NF2)+01QQ7#QJK&#[^% M(RPQP3G'-8T.I:OK]AX"L+F,7\5YIZJ2Q);;W/)Z5Z] M%I]I#=75U';QK/=[?/D YDVC"Y]<#BJ-SX7T*\TBWTJXTJUDL;?'D0M&,18Z M;?0_2@#SW4-,U72?"T-KJ7E)#_PDUD]G;I=M<&WB,L9\LNP!(#;B!V!%6?[*
MTK7O''CF#6;^X\JS:W>$7C1K IMD)E"J1SD=3P,>YSW=OX9T2TT]+"WTNUC MM4G6Y$2Q@*S5((<^K @Q*YQTZ14 6_AY?'NI?#[0[S47>2ZEM5+R\ ><= Q]R #GWKFVTO3/$'Q)\5
MV6LWD[06]O:R16HNVB09C.Z3"D9(P.>@S[UZ1'&D4:QQHJ(@"JJC '0 5R, MW@'3\4:SJFM6=G?P7HM_(CD3+1&-&5N?0Y' ZXYH XC2Q=>)M/^'=IJ=_ > MO#=?;TG=)F1[F*/.SQ4K:E4
\D$;2%]!@8JKJ_A?0 M]>EBEU72[:ZEB&U))$^8#TSUQ[=* .%,VI^#7*:UX@U 2KY$NEZG*LID3G+ MPN20,ME-I;'):LF4ZQ+IOA2&YC:;_A([VYU"\MI;QK=7+)OAA+@$A0N/EQR4 MQ7JEQX?
TB[T4:-/IMJ^F*JJ+4QCRP\.O 008(J34M'TW6+#[@I:C!-6=N10%* M@*@CH1Z$>HH \QUK3=;T+P#8XH25UL+5[BT>QM[>^>X:US)&' =E!)Y Z#)K
M870K31/B'8:9:279L]6TNZ6]CENI'\YD:/#DELA\.PR,=:ZRW*:!::9-IL& MDVJ6<[AY8A'Q(P((+=R00.OI6A)86LM_#?/;QM=0(T<4I'S(K8W 'WVC\J . M'^$FCV%EX4^UV\;+<2W-U%(3,[<+<2 #:20.@R>]'Q"FOI_$'AC1X85GL[MV2X:>W>[:V2=D0%$9U!..6;;WVUUUAX?TC2[^[OK'3K>WNKL[IY8TP9#G))_ M'FI=5T?3M;L_LFJ64%W;[@P29 P##H1Z'W% 'FU[HOB#1O"NKW@"P+I=[#JF
MGV,-\]QY:1J#-$6902K#>0O^U4.L:_>W^B^/-&&CW4GV>"WBT_3W1B %!5II M1[@R$;NWEUZ7IF@Z3HUG):-=I]O;6\I+2)&@PY(P2WJ<<^3GZT <1X;\ZKI_B73;VUL[73]-:"1+M4U>2[-WE04
M?#(!N!&=V>0QKE=/TX6OPTT/Q6MY?/K*W\ $[W3D"-KH1F/;G;L*D\8YZUZI MI7A'P]HEV;O3-'M+6XVE1)'& 5!Z@>@]A5H:%I0TJ/2Q80"QB972WV?(K!MX M('LW/UH N3PI<6\D$H)CD4HP!
(R",'D-EN# :.,#DS. MWRK,X P20#@G&:][K& X1/P^)M0F&D06Q2EX1&/WP/7=]>_ K0!Q]OI$/A MOQGX.:PN+S?J4=Q%?--(Y&#C/7Y<#@5[/6%;>"_#5I>"\M]# ML8K@2B59%B
*OG.5_N\\\4 >?_V;IFKGQ_FG-:?9Y4R0YD5PP],!2..>: //9=0U"#P^^CV5Q+/IG_"6-IL327C1[K;9 MN$/G8+!=^4SR=<5OQVUSX1T[Q)?:M;?8- -FA%A8ZE)/(DF2I:-B%,>X%1P> MHS7=_P#"/:-
_8G]B_P!EVG]F;=OV3RAY>,Y^[TZ\Y]>:@L?"?A_3;2ZM;32+ M2."[79<)Y8/FKR,-GJ.3P?6@#@M%CN-(\?R6,>G_ -E07.AS3R6B:BUSN970 M+(P/W6PS#()SZTSP_:Z5HGPDMO$.I-
J=Y@:/)YNGZ1:6\FQHRZ1 _;5;&03U(^5?RJT=%TQM%&C-86[::(MQ%]E9 8]@Z#% 'FNE+W6K7C:;]DLK3[%#]GL61[6;Q"4&%*^F!P* . M%\.:?I^OW>MZUK=W.-1L]9F@C?[8\0M4C<"- P
!&"R:O) UB$XCVQJA &,,>?FR(%B5Z$^I'8GD4S4?!WAS5[WVH:+97%RP >22($N!TW?WOQOS!K6?GB MR@^U,C7'EKYI3[I;'./;->1?9;75/A[XA\6:C?W,7B"VEO&6=;MT-G)$["*)
M5!P!PGRXYW>]>Q !5"J . !VK%N/!WANZU;^U9]$L9+[<',S0@DL.C'L2/4 M\T <7#H]MJ?Q2T.^U*VD%[-H'VN8*5UQ.KP@< X&.1CH>XKL_&;O%X%\0R1L MR.NF7+*RG!!$38(-
:AL+5M134#;QF\(2(PK-CY@A()7/ID _A3[FVAO+6:UN8 MEE@F1HY(V&0ZD8/(L0: /-(M.CU_Q=X=T_4)[IK,^&1/+!'.Z+,P>,#?M()' MS9Z)0*Y^33/LOPZUC7!?ZC)J.C:G+!I\TEVY\B%*YV*@&
<$$9!SDG/L,>RQ: M78P74-U%:1)/#;_9HY O*Q9!V#VRHX]B;0M*?3KC3VL(#9W,C2S0E/ED=FW M%B/4MS0!Q-
WIMAKOQ7U;3=5NIVMETNVE2R%TT:.=T@+D*03MR/89^F.VEQ:P0Q12IEHV0R$G/;(<#CWKH5T?356Q5+&!5L#FT54 $/RE?E Z<$C\: M .&DT;3[[X@+X8O/.&CV&D)-9V/VF0+
(S2,'ZBTVV\7I8V[]I(=;7< 1YA.2%+.H8G^'VKU76/#>C>(%B&K:;;WGE$F-I4 MRR9ZX/49K,\0>$+;4](TG2[*"TM[&QU"'"Y:W,8$;1(V60*!CG)]J .(UQY?! MNM>(K;PQ+.L0\-R7LD)F>80SAJ]R#
<3ABI8^^W-:/AG0=6M]7T+4[.VMK2S> M, ;)AK$ET;Y&C)!*L@!;=ALY]>U=SI/AO1=!BGBTK3+6T2U M0:;X.\.:1?B^T_1K.VN1G;)'& 4SUV_W<^V* .8^&6C02Z1
M(\MPY6*,3NNQ5SMQQGIG)^E:GQ$FDAT336BD="=8L5)5B,@SKD?2NFLK"UTV MV^SV5O'!#O9]D8P-S,68_B23^-%Y86NH1)%>6\9<+M M&[UX&*S+OP7X:OX;6&ZT6SECM(A#
K1CY(QT3_=]CQO!R#:TTGB.+4-':=H& M\'27=I%*Q8D[U*;@2@R!Q67;>"O#%G=&ZMM M"L(IS*KL)(0"'#;@1Z<\\=Z /.GL=:\5:AXKD2SCEOK74)K6TNWU>2W:Q5 / M**QJA
'1\Y^;)S6R=%;7_B0MGKES/*D&@6LTL%O,V&GP:;^SX;[3I)K:\N MO($DR3,2"+H*, DA<9/0#WKVVL6'PAX>MX[V.'1[-([YUDN46, 2LK;E)'LW M/UH YG6])T71+?
2O#UOIU]$^HW,DD=N^HR(LSK'EWEH/4'Z5%#X:T.WTRYTR'2;-+"Y.9K980(W. O*].BK^0H X6TTC M3-"^+3VFE2R*@\.SNUNUPT@A)FCP1N)*YQG'MFLS2X'UK3_AC97=W=B"ZL+D
MW(BG9#,%C0[68')&>O^LZ]*TSPKH.C,'TW2;2U<1M'NCC 8JQ!8$]3G:O7T% M68-$TRU^P>18P1_V>C1<VV<>2K#!"^F0 * /*=1N)=#T+Q7H]I=7*V5MKEI! M!#]I*OY4HA:293R Y;DD 9//-
=#X%TVUMM:UO7H;5].TIH8X[>&XO!(8PH M)E7"SQ%HKPQX 24 Y*X"_\ M?(JCHG@?R-9OM1U*TTB"*[L38OI^FP%(9$+99I,XW-V' P">N: .TCD2:)!8 MG5XW4,KJA!
[BJDVC:9<32S3:=:22RO&\CO"I+M']PDXY*]O3M5BVMX;. MUBMK>)8H(4$<<:# 50, >@%2T >0>']0LM&^//B]=;N(;:XNX(6LI;AP@>, M*,JK'CLO'^R?2G^/M9L?$'BKPCH_]KJ/#5]
<7"WDUK<[$FDC48C+J>F2!U_B M9]0*]%UOPMH/B01_VSI-K>F/IC31<BJ1 >H'M3)_"'AVYT6/1IM%L6TZ([H[? MR0%0^HQT)/YZ\T >'ZCJ$_A[3_B/I'A_5[@:-9K:"TU)I!#)(RAXT?)QG+K MUXQ^-
:OA;1(GO/$6NV5LVGV%OH\D=Ð:_VL+I_.*-OD^1V&,>Ò?D5Z!XE^'EG MJ'@>X\.>'Q;Z/')*DI$<7R2E2#M<#!(.!SG/ K+\-_#6XL_%;:[JJ:),+]C: MS^PZ-:&&<&56^\TF3R<<8QZ>E 'G-EITFE>$?
A_XNAU/47U:[U6&UE:2Y9D,) M9QY87H%P@'ODYJQJ,.K>+/%?C-'@26_LKMH+&XFUEK0V"+G8Z1@88').>?; M.:]R/AG1#IUEIYTNU-G8RK-:P[!MB<9PRCL>3^=5=6\$>&-=OQ?:IH=E=76
M#+)$-S =,GO^· 'COQ"U/7#UQ00+B!9J#S^(9]!==52W8R1^4$ ^T<< [MQ# M?[('UGPCHVA-X,TP6L<5_;2V4:FXG0.TZY+_-G/\3,<=B36K'X=T:*[FNH] M,M5GFMQ:R.(QEH0,"/\ W<
<=.*L:9I=CHUA'8;;-QVMI'G9#$,*N3DX'U)- M %NO,;O0[?Q#XR\;)$]XT5!!;&WBCN7C2-VA)W@*1\PP,9Z<^M>G5533K*. MYN[A+:,37847#A>90HP-WK@'% 'E.FVKVFC>
/$HO;Z75]2O+>&\N)KEV\Z. M6)RR%<[<# QQQC/7]J+#7?%!27D-K$VJ0:E<06U_)]D>6/EMB,"((5"@ M$\ -DYZUZP-%7Q;2QM!8PBWL'5[6/;Q"R@A2OH0*:I-AX-\-ZK?M?7^BV5Q<
MMC?))$"7QTW?WOQS0!Q?BSR-6O=3M6TN2]'3-.C>[N7U-[:&U9E9@8P,Y;@ MG.!T)JO;I+XEN/AS#J5Y=M'>:+-+=K'.T?V@A(#\Y4@D$\GU^A->@ZAX5T'
M5KZ.^U#2+2YN8U"K))$"=H.0#Z@'IGI5F#1M-MFLFALH4:QB,%J57_4QD %5 M]!A5_*@#SFRTF_O= \3>'M,O2L=CKH2U@N+EU$D(6.1K?S!E@IRPXR<>U=7X M%N[*?2[RUM--
FTV6RO'M[FTDG,PCE"J3L;)7!!XQU/ K4N_#6BWUOP ,U9TS2M/T:R6STVSAM;<$MY<2[1D]2?4GUH Y"]F MBL C;82WS+%=:(\%D\APIF$P9U'^T5V_@*E^(6JJNG6.GP:CY$=QJMK::@\
M$VV2&*0G.2#E-VT+GC@FNGU;1=,UVS^R:K86][YW!)XPP!]1GH?<56M?"N@ M6>DS:5;Z-91V$_\ KK<0KMD]V'<^YH XJ[AA\(^,IK/0KB6WM)~%JZ@,KH 81 \97RYMKDY8<=<5D^"-,36-
8\-7\-E=0-:6K3:E<3ZB)?MA#P=I5EH6IZ=H=O%I,E] \1N;=/G4E2 V>IQG@9_*NUF-T^(0MV5V*N=NTC.00C'0M*;2Y=,-A ;&5F>2#9\C,S;R2/=N:KZMX5T'7;A+ MC5-*M;J=%V+)(GS;?[N>I'MTH
\Y\477B+PUHWAR^MKS[9XK6QEM[F&$F5+B M%8RS3$<9*$*P/C>%8+*W\+::FGW;WEJ8%=+F1BS3;OF+GDN22?;.*M M6VC:;9W,=Q;6-O#-';BUC9$
V0@Y"#T7/85+I^G6>E6:6=A;1VULA)6*,85< MDDX';DDT <;XT*:]W:1.MTT\<%P$\\83;$S*0> Q;;GG STKJ-9\-):XB6-=8TNUO?*_U M9FC!*>N#U%,F\)^'[C1XM)DT:R.GQ-NCMQ" J-
_>'7'0]>1SS0!YEK4DND:#\ M1=*TN[N!IMA':O:_OF?[/*XS(BL23@84XSQNK8\7Z'8^'M+\/6D&H7MK%>:] M"MY=M>N))-T4@8ER?E+>V/;%=Q#X:T2WT631X=+M4TZ3/F6RQ@(^>22.YX')
MJGXL\-#Q*FD0OY#6]IJ*74\4Z[EEC".I7'0YW]^* .!UN>?P=]'C"S\,RS+; M0Z'EX8C*THMK@NR[AN)VDI\V/]D&M*[TJP\:GX/N_#]WI!.3=/+]M M@:-F>1P20<8#;NV:
[K2O#FC:':S6VF:9;6L,QS*D<8_><8^;UXXYJ#2O"/A[M0[QKO3-&L[6X8%?,BB (!Z@>@]AB@#CO"VGV0E\4>)=3N+V673]5U!8C]H?;
M;Q*6W!$!QG!/4'MCH*R=+"Q>+O",]GIDNFV6LI.\S5'GENX3 SJ9%)."#M. M=Q()Q7K%MIUG9QSQV]M%&EQ*\TRJO#NWWF/J3WK,T_P=XQTSX?^/KZR66*[BFU:W5Q.Y*HK-M&"V,\
M#GK[UJP6\7B/Q?INC:$+,]A#X?@NH+7SF19Y68][MM(+%0%&#TW9[UVO_"*Z M#]LO[O\ LFU%Q]$317<@C&9D;&X-ZYP,^N*74_"^AZU;V\&HZ7:W,=L,0!TY MC&,84]0, 4
>7R2W4GA>;3(=2O/L4'B^*PL[I)R9! 70%0YR3M+,H)ST]ZO M0M/A\/?$Z\TC3GG33Y](CNV@DG>0"42LA8;B2"1C/KBNK70M*2PM;!-/MDM+ M61)8(C 2-U.58 ="#S5C[!:_P!HG4/L\?VPQ>09L?-
Y>=VW/IGF@#!\<7EE M;:/;6]Y;7-T;V\BM8+:WN#!YLC9(5G!&%X)/TZ'I7GAEN].T'XF:E6&LV+66I6D-U;,03'*N1D=#[$>M4[? MPIH%I975G;Z21:16UW&(KB-(P!*HSPWK]YNOJ: ./BTJ+P]XT\
(265S>&35[MB. ::Y>3[3B'S S G&0PXPT:..E<=]EC8ZC\(+KQ/J%]RZ%8/I^[G]: -ZBBB@ HHHH **** "BBB@ HHHH **** "B MBB@
HHK/UV[BL/#VI7D\#W$,%K+:+)"GWI%522H]R!B@"U%=VTS2+%<12-']\ M*X)7Z^E<7'X_F:V\1:LUM9?V/I!N(DQ="[1-)% L[=H5CD YSTKD]#>RE\>^ M$FM+3P[:QWEG<^;:Z2=Q\IH@P68@ -
R.,CJ#3!X>T1/A?X]G71[!98;S4EBD M%LFY CML .. O;T[4 >BZ+K>M7::8;[3;(K>^8SS6=X'6!0BLH(8 LQ)*G;D M#&>)1Z'XIO-9T?3;]-+5OM5]-;2A;A5$*(\B[_FY;[@&X'//M6&=/L]-\5_#Z
M"QM(+6$PWCF.",(NXP)DX'+SR-PBWC=CUQUH>Y@CG2!YUXCF<92, N MS?0=Z\,T?3I-6T)VO-3\-:?K0U)Y)[NZ!%_#<+.<#<6'8!0.FT@>5TFMM&A^ M-;C6&_L76EN]0M8I+:4J;ZSF&Q%\KKD
X?;\!)S0!ZH2 ,DX%0Q7EK/$TL- MS#)&F=SHX(7'J17(?$]]GAFT$[.NF/J5LFIL"0!:EQOW$=%Z ^Q-9-O9>'I? MB79VOARWTY["[2IUU>&S1#;NA*"(_*6)W]><9[4 =)X/\ $M[XI@GU!K:S
MATUG=;81W!>;"NR9D7: N=I(P31J?BZ2'7)=%T;1KG6+^WC66Z6*5(H[<-]T M,[D#<1R%';FLOX1Z;8V?@.TN+6RMX)[B283211*K2;9Y NX@9.!P,]*K:%JU
MAX;\>>++'6[N"QFOKF.]M9;F01K/$8U7"L>M*M^$4 =II^JBZTE+Z]M9M,.2 M)(;PJK1D$CD@D$'''!!P015U)8WB$J2(T9&0X8$$>N:\WUK5- UWQSX?EU*YM M+KPV]K=?9GF(-
M)=]ZKSN^5B%W[<^^*YK4WM+;P[XP72*_X1K^V;);=5;%] M3F/[0NX<+$6X) (Y/% 'M$5_9S!C%=P2!5+$I(#@#]>O2GI:#X^UVPCT*W>?1WA2TTV:.5H56)]S,5 V[SMX''R#/-: MT6AZ;H>J?
#R[TVSBM[JY=X[B=!\)ZM;,S>8W5_F /.>: /33_/I7A5GISZOI&J?;M3\-?K\ :4S37=Z? M+ZWE68["&»# VA=H'&#CUK3\<'7'XPOFM#/_ &&4ME\5^3]W;O&SWSM^_C^
MB@#UV[O;:QL)KZYF2.UAC,LDI/"H!DG\JYK3/&.HZF]I<)X3U1-*NW58KQGB M+;6.%=HMVY4YSGL.2*=\0=.GU7X:ZS9:6@>22S)A2+^,##;5QZ@8'UJ32?'7 MA>_T[3GM8LE>Z\N**U$H\T.V
$*#Y@0>#QQ]* .A:ZMTN%MWGB69QE8RX#- M]!UI9;F" $S3QQX)WN!@$X'7WKQ5E\-3?#[Q+<:W]C/BP7%WO:0C[6ER'80 M"/\ C QY>T+QC\:Z)-
#MM=^)5C'XCLX[R6'PS!)+#.NY/\/UPS%3P2,MC/3- M 'H\EW;0_P"LN(D^;9\S@?-Z?7VIT]Q#;1&2XFCBC'&Z1@H _UY#(G@V3Q\ M0!XE-@UPDV8UNR,K&;>/)B#=&R!ROS<+
[4W0OL]QK'AF'QQY+6PCPW&]HFI8\ MMI]^)"0 !DV>7UYQF@#V'S8]BOYB;'QM;<,'/3%1-?V:V_VAKN 0YV^89!MS MZ9Z5XQ+<]VUX.O+U.U+?V#+XN@BL/*Z^Q+: MA?+W"6/:%"\8SZ4
>@K=6[7#6ZSQ&=1EHPXW>XZTDEW;0_ZVXB3Y@GS.!\Q MZ#ZUXJL?AL_#[PW<:(;-O%KW%H4DC(-VUR77S_,/WR,>9NW<8_"M_P#X1S2- M:\4?$.;4["&[>,Q)$9EW"/-JA)4'[K<#YASP.:
/4:*Y/P5K=M_PB'A.UO;U M?[0O]-C:))&^>;9&I+RI2QD38-KENN1WSWJ:B@"\V M)\)DCD,,9>($1L5&4SC*'M3%LK55C5;;$+$YDC C&$8YJR]#R>?YDN6L+4SR !Y3"NYL$$9..GH/RJ26QM)
[F*YFM89)X?]5*\8+))"><1^%3T M4 5'TK3I;T7LEA:O=KC$[0J7&/\ :QFE.FV!OA?&RMC> 8%P8E\S'^]C-6J* M &NBR(R.H9&&&5AD$>AJ&ST^RTZ-H[*TM[9&.2L$80$^N *L44 ,AABMXA%#
M$D48SA$4*!DY/]ZAO-/LM014O;.WN44Y59H@X!]1D59HN KSV%G=6HM;BT@ MFMQC$,D89!CIP1BLGO!X9BUG2+6QMIQ8&TN8[FW,<2LBNARH*<_K[<=]WJ* M.9TWPI-
'KL^M:SJ$6HWDMH;(+':B&(1%MQ!7+%B2!U/X5T)MX&,1,.9)S%E M1\G&./3CCBI:* *DNE:=/>+>36%K)=+C:,*EQCT8C-2_9+;9,GV>+9.295V M#$A(P=WKD<F6$5XUY'8VR73 _>G6)0Y^
MK8S5JB@"J^F6$EZMZ]C:-=K]V=HE.@^C8S4_DQ>?Y_E)YQ79YFT;MNVD%MS&#D)-&'&?7!JQ10!";6W.,<)MXC%&5*(4&U2L.F!VQVIMW86=^J+>6D%RJ-N M431API]1D<&K%%
$#65H]M):/:PM!(27B,8*L2 M6A1 -J?W1CH.!O4|% %6/3+"&\>\BL;9+I_OSK$H=OJV,FIEMX5:5EAC#2_Z MPA1E^,<^O'%244 0+9VJ& I;0J8%*PD(!Y8(P0OH. =*GHHH **** "BBB@ MHHHH ****
"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M* "BBB@ HHHH **** "BBB@ HHHH ****
"BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ MHHHH **** "BBD=UC1G'_!G8>)-6U"PLK>\3['"%+YT\ M)C697W;60'YL?*>2!GM6OJFH'3-
/DNUL[]\92 L%K'ODU "T4WS(\XWKG&[&>WK0)$+E ZEP.E<\XH M =13&EC618VD4.W12>32O)''MWNJ[C@:CC)H =137DCB .CJ@)P"QQS3["B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M* "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH *** M* "BBB@ HHHH *"<#)Z44A 92K
$$8(/>@#A=$O[.3XL^)"EW WF6-DJ;9 = MQ!ER!ZUT>H>*=$TS2M0U*?48#;:>YBN3&XXMYM+LI(+B7SIXWMU*RRD6'A[1-*N#/IVCZ?9S%=ADM[9(V*] M<94
XX'Y5:GT^RN;JWNI[2"6XMB3!+)&&>(GKM)&1GVH \4\;^";WP)\+_&& MJZE?+?ZQJUQ;373PO(T595PJCK@;CS]/2KL^OZ5KOQC\+O16H07B1:/<"1H
M7W!28V."1W]1U'>O8IX(;F"2"XB26&12KQR*&5@>H(/451L_#NB:<839:/86 MQAW>48;9$*;N&Q@<9P,^M 'A/A3PSIL7P#U;QC\Q*4E?59]/NK^&;XS^(+N>-=5*7+22%,+YHD!/R@?, ,#@=\9KW'
M6_"]KJ/@W4/#NGI;Z=!

$=+\/6-B([&R;4;>TCM MI+Y+94DEVH%)+=>^<=,T >#RIX=U'P?XRU?Q+=H/&,-_(/-N"L\3*1Y:QIG[MN_NS%<0LP!,D8!^\<\\9SGKV]Q MN/#>A76I+J-QHVGS7RD$7,ELC2
CH=Q&:=>^'=$U*]CO+_1["ZNH\!)I[9= M<=,$C- 'B'B*3_A(OB7/!?P:2;'^R()-/M]=NY+=$1T4LR%005NCPJ@X /.>,S1W[2: MM/8FRND6*)9!=,H\]J<3\JG.21CGCN*N5Y]],-S?^-?%MA;ZBUC)-
H=LD5P6 MP(79I@&]N<Y::"=3N"R*3R"2&R" >F M2: -WQ!XGMO#TMA!+9WMY<7\C1P0V<8=V*J6/5AV!J30/$ECXB2Z%QEU!<6D MGE7-K=1&.6%B,C _;_P#A+/!7]F?
9OMGVNY\O[3N\O_CW;.=O M/3/XUF>)-+U/PWX7UW6;S4P-2UB\M$OKJS4Q);6X=8\)DDC"%OF)SSGC% 'J_M%, [.P/45SRZ78>&OB-X;M/#Q: M&*_@N?M]NDS.KQ*@*2L"3SOP-W?<:Q/#OT
M5YIX(T[2=7TR+Q'K%PYUUM1F265[ID:.03,JP:=V NT*-F,<],:R[2:Y>>U^ M&S32F:UU@O*Y8[FTY,3H2>O.Y(_P-`K]9.N:ZFB2Z4CP-+_ &A?I9*0V-A9
M6;$M9O+'/VN"QFDAP,G>$)''U%>82Z/H5A\/+ZPNY'OK M[4+:65FNF@#V6BO%AINM>*'\3W26MD=2M]2N((-0G MU;6&6P"'$>V-8R H #=?FR<]:V?%=I)I>IR^)=;MH=9TVWMH$G2&
[:.73Y!] MYXER P8L#U#=.U 'J%%>:VVGZ5XD\4>+9O$<[B33;B..W#73PBT@\]6$BX8; M2Q+'=[5/INB6FL_%'Q-<7SSSKI\EE):Q>>PCC'*7S17'A#3EO[R2" ^-94DG M$Q1D3SIAP_\
#QWI5=UAI/"_K^*[3P]\D<$?AWI8*2-(L%SO(#C),&*9&';? M:#0!ZJ17FˆACP_J=MJ^@ZI96VFV-FT;?:HM7EN7OD;E:-0S:L-NSQS4G MA.U7PYXHM-/U6T2YU'4$GDM=:M[II!>*#O/FH3\I
(OU7T(H] U34[+1M,N M-1U"X6"TMTWR2-T _J>V.l8VE>,8M4OH+5M$UNQ%R"8}FTY3H2>O.Y(_P-`K]9.N:ZFB2Z4CP-+_ &A?I9*0V-A9 M6;$M9O+'/VN"QFDAP,G>$)''U%>82Z/H5A\/+ZPNY'OK M[4+:65FNF@#V6BO%AINM>*'\3W26MD=2M]2N((-0G MU;6&6P"'$>V-8R H #=?FR<]:V?%=I)I>IR^)=;MH=9TVWMH$G2&
[:.73Y!] MYXER P8L#U#=.U 'J%%>:VVGZ5XD\4>+9O$<[B33;B..W#73PBT@\]6$BX8; M2Q+'=[5/INB6FL_%'Q-<7SSSKI\EE):Q>>PCC'*7S17'A#3EO[R2" ^-94DG M$Q1D3SIAP_\
#QWI5=UAI/"_K^*[3P]\D<$?AWI8*2-(L%SO(#C),&*9&';? M:#0!ZJ17FˆACP_J=MJ^@ZI96VFV-FT;?:HM7EN7OD;E:-0S:L-NSQS4G MA.U7PYXHM-/U6T2YU'4$GDM=:M[II!>*#O/FH3\I
(OU7T(H] U34[+1M,N M-1U"X6"TMTWR2-T _J>V.l8VE>,8M4OH+5M$UNQ%R"8}FTY1R8!;&03M. 2 M P%9?O4!3PK:74BEK*TU2TN+U0._N%E!;([@<'*W]7URW3=T.>>PO+:6[EMI
M9+%%D5C.ZQLP"C/S=,\4 :-%>-M8V%AX%\,^)]+O)I/$5W<69^T_:69[R21U M$L;#.",%_EQOM[8]GKL2>(M:\3:<;5\LN' !W_ = M4[\T >X45YQ)X7:"=UC)WRJ"0#R0!QGUSUQ7-17
MNJ7OA7P/ICL+RVNKV]MYTN[QX%N/)>188WD56]>F/F*@4 >V5D^)M;'ASPY M>ZN;=KD6J; *5MI;D#K@XZUP-QH=QI'A'Q0-7N(-*L4,=UIT-C>O<-93*.I M95/S.%(3H=Q'>M+X?
&3Q!:ZW<>)H@^N23+;WLA.GR6\;I#&BJ21M8$OGN2?2 M@*T*BO-/%MLND^)KKQ-JMJFK:0AMX\QW3)/IC @91,@.&+*OP0W/0BO0-5F- MMI%[.LAB,4#N) N[:A2]^%KZ.P\F>SMS/J5U+]*3-
>2E!M8*DC,3O^8E@,=*?;RE]"TK M39YY+?3-0\57L%ZZ2&/>OF3,L988(#, #SSTH];U6^&EZ1>Z@T9D6U@DG* MX+;5+8S^%&E7XU31[+4%C,:W5O'.$)R5W*&QG\:\UOK2WT/7/%>C:,632SX:
MDN+BV$A=(+CYE7).TLF21WV@U1L'3=)TCX?:OHMW+)]E[=6MO-(+II#<1- M&?.1AG&U .F/EV@<4 >QUD6&NI?^(M8T<0,C::{"TA;(D\U2PP.V,5Y7XCN[M>:&;O'I&E_9FBUI(%U2?
4W^T.XN%1U6+!!0 ,-I887G'%=UX>_Y*5XT_W;#_ M -%/0!V-%<%\0%MY_$O@ZSO;R2VLKF\GCF*3F+>/);"%@1PS87WSCO7*ZK<2 M^&[?QWIV@W4UOI=L;##1REOL;2MMGV$DE?
DPW^R3GB@#V>NHKG&TK3O#/CWPM#X<9HAJ G6\@2=I%FA6 M(LLC D\AMN&[[L9K&T:1X_#?@H([*&\4W2M@XR-]UP: /7Z*\U\+:?I6M2;G MKNN7# _VO:ZU-#YCW;1FVV2[8HE 8
*0%X_BW5^E 'KY( )/055TS4[/6=-M]1T^836EPF^*0*1N'K@@&EU&R M@U'3KBSN8 ,@E0JZ9(R/[.:\SCU:[M+?5;F*9E*PF1E8 M(L_) =)&.IH]MHKSZRT^S\,?$_3M-
T#=%:W>G3RW]HLK.B;63RY,$G#$EAG MO5OXIS"#PC"[7XCDV-&OG+EMW; YS0!VU%>8-96?A_QU+8:#)(M MK=:#<7%Y")VD4,K*(Y3DGYCEAGO65%8)H?P9LM:M;F[CO]1MK*.^U!KAS(D+
MN@8C)PH56(! X'YT >R45YT-+T_PU\1/#5KX>+0QW\-S]NMTG9UDB5 4E8$G MG?@!N^XBN0L]%B_X5OX:UU+S4(]6N-2AMVO$NG#K%).8F1>'!?I"9&D"SAY%\P;B>< $^N.:)M,TS0X/!FJZ!
M/6K=>6>']'L=*UCQ[?Z;:#^TK"X?[(/,9B";96 VD\Y:/6J7A M+1=8N[/PQKUG#\LDD4UYJ1U>666\1A^\1XS&%+')PNIY2.#I0![!17/>/+
MZ]TSP'KE[IS,MW#9R/&Z]4..6'N!D_A7)ZQ8:7X5\!:CJWABY<;G)I+2)*MT MTC3)\NZ'-9\'7/AJ>0W6H7@BF(N6D^V6QB M9GD<$G=C"MN[$USM]I49\ >(_$8N;P:O9ZS<_9+D7+YMP+O&$&<
\)SPZ66=Y/.DC>/;(VXG+ _#-$[UPUE6, M7PDT[O-;7T\OB2*ZBC@F^ULSB3SPOD!*U^LD;LCJ+/#*<$?N4 MK0\:?8=7U/6[>/1UO+K2[%'N+N+D!4GD$D-D$]35CO(_P
M37GPZBU2XN98[K0I9KI5F9/M#;(#\Y!!(.2._TS5*::33/#^]Z+%=W%OI$? MBN*P=Q,P-O:,(V9 ^%_#,EIX=<6Z75_9PWT0OG M18HG?!);YC$'^Z6 Z<\XK3\):!JFC^)YYC::?IFES6>#86NH27
:8,.2@,B[M?E)!OUXH [JBN\ '[OID6C>(D=D32M0C:YP>#;R_NI,COC>&_X#7G0US5(8 M-8C^TRF7QI&)=*!)_=%YS!A?I"\3_@: /9)=72VO+V*XM;F&VM+<7#WC)^Y8
M+=*D#R6EOX:M_+C+MP4,VT\'KE1]<50NM#TZ/X:^";>S\R!:[4=->:2"9@^ MYD +V'2E/TOB@#V"BN$\/:?^' B7]>D::)(M/ET]"[-N96=1+YDAN)P2
M,^N*TO'.CWFM:=9063V\C170GDL+B9HDO456S&67D=0W0C*C(H ZFBO':_5! MJEAX3TK2M,^SZ;/?7=O=:?=7[11F:('$1F4/E=VX@#AMH''2I=4L]:\,^$]: MCFF@TW3;F_LT6&ROGF-A"
[JDQ#LJE >H';<<8H]=HKS3QGH^C>'/ ,O#1'- MO(8[:66*.Y9MJB9SEU*/32[1W[VH MN_L[J0RQY"Y)Z<$XQFO)M'T>W@^"&]>(3)#QT/%7*\:U34-0A\/ZY%!*?+N/&)M+@O<-"! VS*F M0 F-
2<*2!P&-;=CX8UJS:7((9+#P]97NFF*-M]1T^836EPF^*0*1N'K@@&EU&R M@U'3KBSN8 ,@E0JZ9(R/[.:\SCU:[M+?5;F*9E*PF1E8 M(L_) =)&.IH]MHKSZRT^S\,?$_3M-
T#=%:W>G3RW]HLK.B;63RY,$G#$EAG MO5OXIS"#PC"[7XCDV-&OG+EMW; YS0!VU%>8-96?A_QU+8:#)(M MK=:#<7%Y")VD4,K*(Y3DGYCEAGO65%8)H?P9LM:M;F[CO]1MK*.^U!KAS(D+
MN@8C)PH56(! X'YT >R45YT-+T_PU\1/#5KX>+0QW\-S]NMTG9UDB5 4E8$G MG?@!N^XBN0L]%B_X5OX:UU+S4(]6N-2AMVO$NG#K%).8F1>'!?I"9&D"SAY%\P;B>< $^N.:)M,TS0X/!FJZ!
M/6K=>6>']'L=*UCQ[?Z;:#^TK"X?[(/,9B";96 VD\Y:/6J7A M+1=8N[/PQKUG#\LDD4UYJ1U>666\1A^\1XS&%+')PNIY2.#I0![!17/>/+
MZ]TSP'KE[IS,MW#9R/&Z]4..6'N!D_A7)ZQ8:7X5\!:CJWABY<;G)I+2)*MT MTC3)\NZ'-9\'7/AJ>0W6H7@BF(N6D^V6QB M9GD<$G=C"MN[$USM]I49\ >(_$8N;P:O9ZS<_9+D7+YMP+O&$&<
\)SPZ66=Y/.DC>/;(VXG+ _#-$[UPUE6, M7PDT[O-;7T\OB2*ZBC@F^ULSB3SPOD!*U^LD;LCJ+/#*<$?N4 MK0\:?8=7U/6[>/1UO+K2[%'N+N+D!4GD$D-D$]35CO(_P
M37GPZBU2XN98[K0I9KI5F9/M#;(#\Y!!(.2._TS5*::33/#^]Z+%=W%OI$? MBN*P=Q,P-O:,(V9 ^%_#,EIX=<6Z75_9PWT0OG M18HG?!);YC$'^Z6 Z<\XK3\):!JFC^)YYC::?IFES6>#86NH27
:8,.2@,B[M?E)!OUXH [JBN\ '[OID6C>(D=D32M0C:YP>#;R_NI,COC>&_X#7G0US5(8 M-8C^TRF7QI&)=*!)_=%YS!A?I"\3_@: /9)=72VO+V*XM;F&VM+<7#WC)^Y8
M+=*D#R6EOX:M_+C+MP4,VT\'KE1]<50NM#TZ/X:^";>S\R!:[4=->:2"9@^ MYD +V'2E/TOB@#V"BN$\/:?^' B7]>D::)(M/ET]"[-N96=1+YDAN)P2
M,^N*TO'.CWFM:=9063V\C170GDL+B9HDO456S&67D=0W0C*C(H ZFBO':_5! MJEAX3TK2M,^SZ;/?7=O=:?=7[11

$9C")$,JJ&*;AN /0X],*Y[6O%6#2M,M;.*4YD6&(*'/OZTW2]6FN=-ENM5T M^32)(7*2QW$]%1@ [E<'!4YZ\P]^M_9NSJEW S(XC8^0$]QZ*>>"?2EMKVUO0YM;F&<(VUC%(&V MGT..AH EDC26-HY$5T<%65AD$']"*R-.\)>'=%O&N],T33[2Y;(.L-NJL >H M! X'L*T(=0LKFXDMX+RWEGC^_&DJLR?4 Y%+]NL_/6#[7!YSLRK'Y@W.1U ' M7/[T 9UIX2\,V&J-J=IHEA!?,2?/C@4,">I!QP3W(KDM1^'FH7:;W;A|#N(- M6GEE-Y>V3274 <8VJ6\L\?WXDE5F7Z@'(K+L? M%>G:LFJ+ILL<]Q8220F%I53S'50WRG)^4[@-WUH O:=H]GIJQ-%&&N4MH[9K MEQF21$'RAF[]2?O-1S>'M&N-) LJ;2[233lO?[.T0*!BQ8G'8Y).?4T^WU2- M=&M; 4FM[RQ([J]PK(C,,[0 _:ZCK5L75N8HY1/$8Y" C[QAB>F#WS0!FEO MA70+&T6UM=&LHH%F6X"+'H'FK]USZL.Q-7TT^SCU"6_2VB6[F18Y)@H=NJYP M">^,FG6UY:W]NUKX@>)9X_O M1EE(W#W&1W6B?:UT.VBTB5)4FTZS:.>VLL<,D=S"Z3'$3+ ("'/^R>_0]/2G/=6 M\?F[YXE\E0TF7 V]"?0<'KZ4 4-/\.;+I6GSV%AI=I;6DX(FBBB $F1@[O7 MCCFF67A7P_INI'4;+1K&WO2NWSXH%5L8QU XX_,GW^L&'RA81V]Z_P!KCMYT M%TD9A#'EGJ1 _=ZGM4=EXGTK4-;U#2+>Y4WEBR+(I9<.67=\O/.!U]* &2>+ M_#M:D5E;P7=Q=O6\;7%SM\Z55 :3; M,+D]\ G%4]-U5KC0HM1U.*#3V8$R)]]6S(\,0/W@PI[? GBKBWMHUG]L6YA-M MMW><)!LQZ[NF* ,3Q'X6B\1:OHEQF1V]NE3IHFEQ16\2:?;K';3M<0*(QB. M4[LNOH3N;GW-7Z* ,B;PKH%OK*ZQ-HUC)]*D,+EH%+Y'0YQU'8];K6_AQAX\ MO? $MP\3%K*.RM55<,B!B[ECW)8C'L*Z"B@ K(MO"V@6D-]#;Z-8QQ7YS=1K MNV;K]X8P>I ,M>B@#,T?P[HWA])%TC2[6R$!!D\B(*6QTR>IJKXLT! $FDP6 M221H$O;>X;S%R&6.17*X]P,5NT4 96F>&M#T6.XCTS2:.T2Y_P!<(857S!Z' M'4FKJ6D(L5B\D6^P>7LQC;MZ8QQBK-% &5\'AG0] >5](TFS MLGEX=H(@I8>A/I[5,NB:6EA!8+I]N+2WD66&$1C8CJVX.!V(;GZU?HH K_8; M3[W2M>B@#'TOPIX?T2[DNM+T:QL[B08:2"!5;'H"!P/859 M;1-+>PGL&T^V-I/(TLL)CC&WQ0M9MQ8CN2W/UJ_10!]E:R7T5\]O&UU$C1QS%1 MN56() /H<#\]Y;PG\M(T#3M--WI]A&-"U6_COM0TBRNKJ,!5EFA5F M '(&3UP>1Z5K44 4M=(TZW>S:&R@C:RB,%L50#R8R "]^@]5!P!T;3)+>\ MMY-/MGAO7+W4;1 K,Q !+#N< =?05>HH R;+POH.FZ;/IUGH]C#9W'^N@6!= MLO\ O#'S?C2Z1X9T/0&D?2=*M+)Y [0Q!68#H">N/:M6B@""\LL;4+.6TO(M(Y[:92DD4BAE<'L0:KMH>E,VGLVG6Q;3ABS)B'^CC 'R?W> !QZ"K]% %<6% MH+R6\%M%]IFC6*27:-SH,D*3W W'CWJA9^%= T^W6WL]'LH(5N!=*D<($HZ M.!ZCL>U:]% $ LK47[7XMXQ=M$(6FVC>4!)"Y],DG'O5?5M#TO7;=;?5=/M[MR)&WHLT8;:WJ/0_2K]% &9+X=T6?1DT>72K-M-3&RU.*^6OT7& ? >DLO#>B: M=IT^GV>DV<-G/GSH5A7;+D8.X8^;CUK4HH R=/\ "<2J397%G8/8V]M#ZTFF>%M!T9XWTS1[*T>/=L:&$*1NQNYZ\[1^0K7HH I+H M^FII+:2MC;KI[(T9M@@\LJV&#!LXX.XY]16A)I=A-J<.I26<#WT"&.*X9 713U /4 U;HH H0Z) MI5O!>00Z=:I#?.\EU&(AMG9AABX_BSWS4>D>'=&T!91I.F6MEYI'F&",*6QT MR>^.U:=% %74-.LM6L9++4+6&ZM9<;X9D#*V#D9!]P#36TG3GO[. :QMS=VJ M&.,8QC?$I&"%/88JY10!5&FV(ENY?LD.^\ %RQ0?O@%V@-Z\<<]JIV7AC0]. MMX+>RTFS@A@G-S$D<0 27&W>/1L'&?2M:B@"".RM8KV:ICMXUNIU5)90H# J MYV@GOC)O]:]!*UNI[>>>WCDEMG+PNZ@F-B"(\#@D?C4]% &:]_A_1\]?2--6 MTVUO1$28 ,.C#%">N#U%5[GPAXSM23!*Y"A8L]=%OOCF[MWH Y;6/!5CJNIZ"6M;/^RM-2>-[%H1L99$"J N,#!&:V;+0M)T[2VTNSTVUA ML&!#6Z1 (V>N1T.>^:T** ,C2?"W@Z%-)-I6CV5G+(NQGAA"L5SG;GT]NE&F M^%M T:]EO--T:QM+F7(>6&!58@]1D#@>PK7HH SM,T'2=%>Y?2].M;-KE]\O M@C">8>>3CZG\S2ZOH.DZ]!'#JVG6U['&V]%GC#A3ZC:;%% &/]?A/P]K-Y'> M:EHMC=W$8 62:!6; Z DCD>QK750JA5 "@8 X I:*.0C\ :5(8<3:0 -V>N !CZ5?HH O[/PIX?L(98;31;&*.:(PRJL M"XD0\E6X^8'WJ320#*8Q-%IFE6EHD_^M$40'F=L-ZCD\5J44 8NG>$/#FD M7:76G:'86T[J9(H%4@'J!OP#Z"I-*\+Z/#H=O) <:5I%E9S2#:SP0JI(SG&1T M&>W2M;B@"IJ6EV&L63V6I6<-W.;06BF0,I(Z'![U4M_"^@VEE/7U-:U% %>2PM):BUN)+:)IK7=]GZN,^=*UNI9\]V "#0[Y#I^M6&@Z+K^G2:7HFM1:?I"2-=Z2BJEU%DJ[Y@,[6ZL>2,$G%3 M>%YH/^%JV(M9= (DT>;S%T1,1@!XRHVAB"YQY<87&>O3UP/RH \,LC*/"GPU\^;3X=,\NYWO MJ<1DM1/ _L]XW*,XW[23UK? &A:9)X:U:.3Q7H,=OIM:6SVWV9K>(P8QY10%_O7K\44<$Q00QI<HPJ(H]@*CDLK6: MX2XEMH7FC^Y(T8++]#U% 'F%KI"W'B'X=?VY803;@^DS .:S<0]SLZ1PXWY') M!)Z]"371?$Z" <^&K._B:DGCTS4[6_N(HUW.\4;@O@=\\#G*[(QHTBR,BEU!" ML1R.]<&G4 ^--&U72KBU\/:U:7FJW-I,UE%;2"1]XC9@2!]WD?Q8YXZUY M^A\,R^"O"9NWXCMH4G?[\JQ@.WU/4T >';Y+IU_K7BK1M0;1,>2[MU5?^)CJV15C^ZI0@K@'9\X&&YQWI6'0M'U3XK;JMWI]K=06^CV@@CDC# M1H"THX7[O08!QP"<=35Z?P'=-%JUC:^()H-+U6:6:YMS:QO)F7_6!9#T![9! M(_"NML[&VL+>&"WB55BB2%3U:8HPH)ZG% 'B4+3#PAX#2:>SCT]*C^O8I7U*- MI+975Y%@$@W#@ $+DX! K9FL-(M?"/BR2YU73+^&]E8,%KHB;%@N]H"><6-[8 MD9@A^HR>,UZN;6W:W-N8(C"V@NHC%< M0QS1GDI(H8?D: /.?%6N:%K>K^%[F:\M[KPO'}$\5Y,W-L9Q%F+0;K9)NV;?ESLV[L=\9YKU\VT#6WV9H(S M!C;Y10;<>F.E(EK;QVWV:.WB2#!7RE0! <'MCI0!Y=XOT:0M$^'FA@6<5O9RZ MCIYO7C0AY4W#>79?F8X+<\GDU1U8VC:[KS^ ?LVQ?#$HG.E[?+\W>/* V<>9 MMWX[XKT[7]!CUVWL(6F, L[Z"]&U:<[C$X8+[XQFM*WM;>U1EMX(H58[B(T" M@GUX[T >3' A%9?^$'?P7@]J+>P,?L>WSEM]A_S=O(&,N[O[UL>$-+TO+_ M ,8Z[/IT=U?V'L%W0CD*!Y%544[8\ =SN;IC.>:[^&RM:>626&VABDDY=TC"E MOJ1UJ5(TCW;$5=S;FVC&3ZGWH \2TF_LKSQ)X%O+"+P[9 :)G(M-+7] #&T# MY25A@'L'"H^8'T-;.@V^A6)\?6:0:=:;ZHEU=^3$](DP@,"$;1UV=>G%>G1V- MI"Y>*U@1B^\LL8!+:VAD@7& (WC!48Z<'BGF"$QI&8DV(M057:,*1TP.V* .)TS3K+1_BY2ZA=?;O&>EW5T-&TVRGT"%["#6[^ *1K/3]+LO!<&IZI8:CX9&HW;23(/]#5R',*'+,-BMN4 M9)']*]*= <[94##/T-*]M;R6WV=X(F@QM\H"N/3'2@#S?7 M;KPW9OX8U'1Y&+&+1[?7S]IGML+ DC0NI(^4#)4$CC)IG)XH \\UI1=-T7PYX5CTZRAM ,UK3C*Z(TK;_O,W5C MR>3D\U)X?M!"LOBQXHBE@TZ"_= [62R5D19&S"=YC[G)#;L>^:[":*-PH>-6" MD,H(S@CH136MH'N$N&C,Z#"R%!N4>@/44 >'6OE\A+X=^=-80Z9YEWYKZE$ M9+439;RO, 91_?VY,.UM? V%IDFAZH'\5^'XX;C58+B)+:,"QCN$4'RW0R$$/ MM!*Y'/>KM:VI6OMF@B,!&#$4&W'TZ4P6%F+0V@M(/LQ_P"6)/EC9^6,4 QYMKJ8XP\9 Y#9QSW4\5V]1"UMUBCB$$0CC(* M(&$%(Z8':I; "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M*** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **

<_[%3>"HY;SQ98^'YPYC\'+WDUN[WQN,JV#);>#3H_B;:V<0MK8VMC(8X% MVHI8,'8[.Q &[') - 'JEIKND7\PAL]5L;F4YPD-PCMQUX!JKK?BG2O#UUIU MOJ%PL;WT_DQY=1M^5FW-DC"_+C/]17%^")=-U3QM/[@;1+6[33UMHK&P+%BH_M8DRG?&A[A0 #@'DUH?$F+38[OPK?ZG%:BUBUA%GGN%78D9BE&&X"[L=>,XH M UV\6V\'BZZTVZN+.#3HM.AO$NY)0H8R2,N-Q.,84$?6MZ6^M(+/[9-=01VN MT-Y[R)@]#N/&*X2#3-&UCXLS326EI>6T?A^V:URBO&%:67!4=,%>A]#[UQD M0E@\,^#2]Q9VVD6NJ:A')+?P&:VA822+!O4,O ^8 DX!QO![A:W=M?6ZW%I<M17$# _=DA<.I^A'%94OBW1X2% \/2W<:7QMQ\TABA>6"A.N=YR#C'2L;P%9VT M-SKEW::YI>I)=SQN\>E0^7!#(S$P<#>XRPVD\]15#5%T6O^,MI/JB6,(NM(VP M27"]/-N!.N I/5\$8[XH [B;5=.M[V.RFO[6.[D_U<#$*)'^BDY-%S]FGV3% M;N^M8&&W(EF53\Q(7]>Y!OZX->+/;0W<7BO3M;\0>'M*NY]2G,0]H69:["EO MW4D;F9<@+MV87C%=E!HMC?\ QV3ZT M =K)K&F13I!)]-HDLDAB2-IU#,XZ]!GDCTJ2#4;&ZN9K;WO+>:X@,)8HY59H M_P#> ,1^->/ZAH^G3>!?B3J,ME"]ZFIWFRX9 739M9=IZC!)/'K72G2=/T;Q M]X)&FV<-KYUC>1RF)0ID4)&PW'JW.3D]S0!U^EZQ]ITFWN]2^R64TS2#RTNU ME3Y2W1^ WRKD^G/I5NVU*QO;0W=K>\\LN0)/;R:S=[XW&5;'V@X[(C(Z=ZTKZ>S\-ZA\19(M)M[FRBAL)38E (2SJR MLS*1C@,W'130!Z3;ZWI5W;S7%M]=E-!! K9(YU98 \ >(.!^-8MMXTM-8* M?VWH0@N7.P_9KFZ2$H&?;\Y^8*>I [XQWKC_ LUK?\ O1N(A6L"HTUS#&K@E"\@ 8 9..]< M $ 2O.I+KP]8 $7Q0WB[",R0V_V!M1"[&MA\ZQ[N#\^[(').*P]*TM;O2O MAW8ZG:M)9R:E>/#;W*G/D;)FA#]MH7@]L"@#V&SOK34;<7%E=07,)) DAD# M[3]1Q3+[4K'3(1-?WMO:1$[0\\JQ@GTR37)^$K:"Q\?>-+2TA2"V#V7DL=K&=*?O1&^EAX_E%LUQ$#L!'",=^!W! MKV"Z@L[:1KB%L6MFD#AC$-HC3!R1CI@>E "0:QIETTZV^HVDS6^3,(YU8O8Z M[L'C\:G-W;!('-Q*$G(:+;QB0D97UR.>*\GT":&.SU/PKICZ/K,<>@R_9M3 MTR-1(%QM6*;;D;FR",'G:2138?$>DZGI7PUT^QO8[B[@N[7SXHSN,)6W="`_M +IW<8,"<"2@#U635-/AOH[&6_M8[N3E+=IE$C?1\N=5@U&XL M[-[;5)+"W5Y0AF"]A'#'EOG]Zu>;>)38C7WUR5O+ND#3R9D'D M&,$;BNW9MV\"J;Z'I=WX8^*%]6QA1%_ TH3"8$\0\ WMOE@ _-]W'% `O%UJNG6,\4%W?VM MO--Q''-.J, T!/-+=ZG86 8WE[:6P5=Y\Z54PN<9Y/3) S7D5_'')XF\96>N M;QX>TY[J8!?[8LR\CVQB4(8G,J#:/FX ,&R3UK9MM"L;SX@>'+/4C%]\=IX9 M+)-/'E9G$D:^85.1DAB><]: /0GU73HKV*RDU"U2ZE&8X&F4.X]0N-+3Q,+,Z_+>W>8KA0;B8'/V?R@?F(VI-N MWI[4 >NW6HV-B&-W>V]N%3S&\V54PN<;CD],D#-9&O>()K6VTO\ L9;>]N-1 MNXX81NW(8^LCY4]%0$YZ9QUSBN/TS2/MOC?PM!X@M4N;NV\+[Y5N%WXF#QJ2 M0>"6Z^M;GPWB2VTW7+2%0EO:;[>O0QJ,+&@DR% [#D\4 =3+]FGP7T=C-?V ML=W+$']RB1_HI.35B66.")Y99%CC0%F=S@*/4GM7EVJWFGZ%XWN+NSN](U: M74-2MX[G2YU!O8)1M0/$>3A0 V",#!((KL?'5II]_P"$JTU/4X]-MY'C_TJ M4 HCAU9=P/!4L "#@$&@#9MM3L+VT:[M;ZVGMESNFBE5D&.N6!QO23;;5M-O+ M62ZM=0M)[:+/F313*R)@9.2#@8KR+5]5N-5\%WL<<&DK:V6MVJZA?Z? 9+.Z MA^4L[(""P7Y Z[CPN,XJY-:6&6UT:W\I.!6*2/B5_F M'S*.G!]J /4(17TR:X-O%J-H\X8(8UG4MN() QG.< GZ"H-:U9M-T^Z>T6UN M+V&-9!;372P J6QDL<[1*YQX@*X?4?#5K8_"S3!1T6PABU#38K;5$:- 'F>, M:FW'JQ96D'/]ZL75Y4U[X>-?%X#&+5'CRRP?LT+JBGVW/YC?B* /6[S5+M#3O+^WWUK:F4X03S*FX^@R1FB]U33]-6-KZ_M;59#A#/,]!CZ#)YKS^[NO#] ME\2_$3>+WL8XY;*V&GMJ 78T(#>;J;N"= _4#D\5E7[V\7CZ^:XU#0=/T^;3+M5=,.MV1DC:WVMO6/,B!2"1N4Y/(]* /7PP*A@05(R".E8NA^+-'\0W%[;V%W M&\MII0QQD1W4:[4=-Q*A1D M\ $ #PC]B;5 M(;Z!RMH%\Z&W"GS_ #<QU73M3#FPO[6[\LX?[/,LFT^.#Q1!JFGW5P+>WOK6:8IY@CCF5F MV9QNP#G&>.UP-M-H5_\ $S0)O"+6,D<%G<#4I-.V^6(2]^4KE>,[OD@KP:M_ M"32-.M?)A]$-G"M[<&8RW&P&1OWK#!:KC"KQTX%':WNH66FP>??WEO:PYQ MYD\JHN?3)-*U]9K#%,UU (IO]6YD&U^">#WX!/T%><>-'D@^)FFS7E]I5C8' M2W2UGU>V,UN)_,^<#]X@5RFWDGD BLR31-/.D>%+!^T+'6-.N?$SR#[+%LMU M5HYF,2+N;Y V>,D>PR,UYO8^&=#F\<>,8Y-*M&CCMK;RXS$-B&2)MY5>@+ M;%R1SO6!'8UP-T8(BCV%^V 0O)X'!- 'I7B;Q0FE^# M[C7=+DM;Y4>)499-\;;I50\J>VXUKWNK:;IK1K?ZA:6K2<()YE0M],GFO'=3 M-I-X>\?W6C"/^PI=0T_[,T A>4/$)F3'!&=N2."0:WQ=^&[+QOXN_X3)[". M:0@&U.H!4/EBW=?FWY"\YH]*%S ;@6XFC,Q3S!'O&XKG&['7&>]1MJ-MBC,K7ENK*YC8&500P7<5//7;SCTYKR2S%SX6\$>#O%MY%,@TMI(+I'!WBQF< MA-PZ_+^Y./K4CZ&LNB>"O[8MUDGUC7CJ%[$XR"\L4KA2.X"[5QT^7% 'I_\ M;^C"S6_M:P^RN_EK-]I38S?W0V<9]JM7=]:6%L;F\NH+> =99I BC\3Q7F] MGX9T2;QIX\CDTJT:..VM_+C,0VQ[X6WE5Z*6VKDCDXKGUFN/[,^'%U>WVGVV MGC2F5;C5(#-;K<;$"[AO0!BH8*2?7N: /9UOJ-[:*Y2[@:WE(6.42JY)P # MG!R>*ABUG2Y[:>XAU*TEAMSB:1)U98SZ,0<#\:\HOJ*LO^$+EBBU;3]5L[!Q M--:-(NG1^7;Q%I[PZQ [<']<']JOKIXM(TZT^*TC):V%M%:W/A[,MO'[QR%9\ M*2H&#@$B@#I_#GB73?%.D0ZCILP:.1 YB9E\R/.R:T% _!"J7T<6T2HX9@!(!R#PV,UB>,X MI++QE>Z%$KB'QE%;1[EZ*\;A)_S@(/X4 >IF[MAY'^D1?O\ 4 _/WG&?E]> M.>.U:F[(L<5VDL<6 QW&3(^4A<9ZG%0QOGW_EP>#OAOJ&JQVBV<=[+'//PMK.VN([F24*,I<8R3C'R#%=(CI M(BNC!D8 JRG((]17GUEI.CZQ\5=6FGLK2\ACT>S^S[T#H$9I>5'3D <^GUK2 M^%F1\.=+3)*QM(&N3G"K/(JC\ /PHEO/%U_-K=Y!7A[0SJLEAM6\FDNEMX MHW(R(PO!+-CD@# R,FMF'6H8M'AO]8':07X>*\F1?+;)&-V=IZ9!!Y%<3X=U M[3/!WB#Q1I7B&]ATZ6YU274:.6Z;RTN(9%7&UCP2I!!'6HI_ %C0:SXAZ9JVML36]A3:2XZ50EV0>?YI\PC> O0+@GJ.G6@#T;[=:?8OMOVJ#()MW^?Y@V M;?7=TO5:#7M'NHY)+?5K&:_-=[M'[>.7DD-OX6OKNRBB_L"7O7 M%+8QRJPMGC !:(52?*:16OA2,X.,5/= V?<^!?B!JL$VE+>7D"M)9V!)^S*] MA1DLJL2Q!).T#CO0![%!J5C=74UM;WMM-<0<2Q1RJSQ_[P!R/QI/[5T[^7[/ M/^WVOVW&?LWG+YF.OWGZGXD\Z;JZ:B))HY;(C45NA/N^\9@2S'C.W&TT >X'4+(M0SS&[@$5NQ69_,&V,CJ&,>"/>I9)HH86FED1(D4NSLP_JHY))]*\;\3FW/CF M\U"))#X3AO::/Q!L8>7)O''!KTKQE#)>>!-?@MT,LLVFW"Q MJG)8F-L >n: -@W5NIA#3Q SG$67'[PXS\OKP\,5\7?6-+CGC@?4K-9I7,<<9 MG4,[X*@9Y((&*\U3Q)I&LZ\\.;;3;Z*ZEBEW3"([O* T5QM>/4^M 'I\GBW1X2%' "/2 MW<:7WV<3 -(H7E@H3KG><@XQTK-U;Q5?Z=ITER:.U#+K,6GH%N/-#1/(B;SM MQL;#^YTP*Q;O^QK3XNV%S]IV,)N]% AEN51?-N!,N I/5\$8[XK$NO^0'K/ M_89;4A#))/ %5++5M,U,R"PU"UNC&&KN&?XI:>]O>Z%(A6;FQZQI@GL_$NI^!85<6WBB\BO(F4<)$V3>#/;B+./\ II0! MZI?W\=EI%SJ*@2QP0-. K??"]6X/OBL;P3XOB\9Z&;];1[.9'V2VSN&*94.I MS@9!5E(..]?O$:+'X1U9$4*BV$P50,#RS7E37FH>$M*T&^TF%Y)/$NA6NGH M%'"7RQJ(7\ P!F_[IT_=_X=\QKSNTL;;PKXFU>TAM&O+?3O" M<(\@#FXVO.2/]QS^)K*T, MM1\>^#Y;>;P\RS6UR)+;2+F:#XKTCQ(;I=/N4=[:>6!T+J6.QMI< $Y0GH>^15^SU73M1DECLK M^UN7B.)%AF5RA]P#Q7D'):O>"?'VF:.EM'X@2]OS]G@51<"\'VX'A1\VPH1C' M'(Q6SX7M]-O?%&AWMCXE\-2M:\)[I9Z19>3)+$R8VR?OF("D*<$<$4 =W>Z] M:1V5T]A=6-U>16SW$=N;M$WA>Y;G:N>"V,"I9-:L+*VMI-3O;*RDG0$)+R- MU'IMQ%X?LG31+=C=2M;F:2Z5@P\N)0RDX.>A)RW2@#O=3UV6R\5>']*BCC>#M4Q<%Y#G*^6@8;>W.:;XQ\2MX3T ZFEA)?R&:.!+>-]K.SL%&#@^M<'X6=W'P MI,C%F^P78R>O$*@5U?Q'_P"0'IG_ &&K# _T>E %N7QG9G1] U2SC-S:;S=PV MT9W;3'Y@/)X/(*D$>M;-UJ^FV-Q':WFHVEO/+ JXYIE1G^@:\H\06LWAGQ MKHVAI&OTC4=>@U&Q(^RP29831>P)97)VJ=+KPO:R^-X?%YLAJ6Z7% MK/'/ XRDD3AE8>Q'!KRO2M(>[USX?6OB&U%QI&>_<9MZBMGP?:WD5IXLL=$FM;)H=?F$ F@,D4:E(V("*RX&2>AXS0!N>)/$UYHVJZ1 MIFGZ2NH7>I>=L5KD0JHC4,Q_2GZ#XL@U:&^6]MSI=[I]P+:[M[B52$=@M"N''#!@PP>_I7+^)+/6YO&'@BWDU>"'4S]OS>6]IA,>6IP(W9NW7WIOB[PY M'X=^'^IW)N+B^NI=0M;^_NY5!=]DT>YMJ@ *JKP , * /1)K]*)FB\V/S_+: M18BPW%1U..N,D<^]87A+Q7;>(-!TFXN;FSAU*]M5G:T24;AD9X4G=BN<37=, MUSXKQ2:5>17D,6@7*M- =T>XRQ' 8<$@8R ,C-<3!$GANX7\:^%K'1UM1XJ- M[:.B(F+E9/,5G=OXMGEY^8_+C';% ']\57[OXF6&SM9'TF]BMX5DN/(6162 M-B6=L@$;SCCG '>NBO-4T_3WB2]O[6V>4XC6:94+GVR>:\H\1 \ (§^)' 87 ML_Y6U:DUUX1Q4M !1110 4444 %%%% !1UHJ M&\F-M93SJ 3'&S@'O@9H D$:#;A%&SA<#[OTI&BC=75HT8/]X%0=WU]:YG2O M&VG-X3T;6-;N[73Y-1M1.%9L+G:"P7/ID<=>:K^(OB#I5AX#U#Q%[5];7EJ M\4&%8]"1]#7+M:5XIT^P\,6^HZSXEM;Q+B0K'KK=I]E,SP"8OA"ZKO(!/'W>??M4#?$+PBMDMXVO68A9VCR6.X, M,9RN,C&1DD<69'K0!T4L$,VWS8DDVG*[U!P?45)63[GB?1-&AMY; _%*"):D% MH,'<90 "2H7)(Y'(XY%9&N?$70=%LM'O/M<-S;:I<+%%+')\H3.&DR 7MM9V^N6@8CH#S[5+JOC+P[HE[]CV1+5[:WN S(S M9*]"V/N@^IQ0!M'*,!0$4!3E>,A]]R_$6@6WB/1I].GDD@$K1N)H<;E9&#]M>00<%1P1BC5/$^BZ*ENVH:C#"+@%H1DL74=6 7)P.CGIS4>H^+M TG[/]MU6 MWB^T1^=']R6S'_?XSA?\ :/% %6P\+3IKMOK&K:Q/J5W:Q/%; PI$D0?&\X4<ML=H')O[5T4D:31E)$5T/56&0:R=6\5:%H4L<6IZG!:R2)YBH22=G]X@9PON> M*74?%&B:3;VT]U]4$<=T-UN5_ S5P#N4+DD8(.>G(H U0B*O%9&H>+MTN.V>\U6WC6ZB\Z$@EM\?]_C/R\CYCQ3]6\4; M)H?DC4=2A@:92\;Y+,RCJV!D[??I0!]1Q1PQB.*-40=%48 _"AXHY"IDC1BA MRI89VGU%9M]XET73=)AU2[U.VCL9]HAFW[EEW<@+C.[(],UD^%?%(\1^(/$, M5M=07.FVCVXM)(<'(>(.V3W.[/TZ4 =.]O#)*LKPQM(GW7902/H:?M7<6VC< M1@G'.*XR\\:VNC>-]3T_6-0M[6PALK>6 ./F9W:3=C')X4?2NCM=>TF^GM8; M6_@F>[@-S $;/F1@@%E/< D4 7_+C*LNQ=K?>&,#]:4JI8,5&5Z"2]]KJ-I M?3745K<)*]K+Y,X4Y\M\ [3[X(_]*^*=#?6CHZZE U^_9A!)PX&2N>F[', M,YH U1%& H"*IRO'0^U&Q,L=JY;ACCK]:SV\0:2NDSZJU_"+"!V26?/RHRM MM8'Z-Q4.L>*|"T">.#5=4M[661=ZHY^:;TW$#HON>* -2."&$ 11(@ P]@8 M% MX1OO%&-YR_P H^8^I];XVY\=V6E^,M0M-4U.U@TM+"VGMF/)=G,FXC&2P MPH/'06U_9PW=I'/;S*'CEC;A!H =+!#/M\V))-IRN]0<'U%/* MJQ!*@E>02.E<_<^.O"UI=?9KC7+..;S6A96?[CABI#?W?F!&3@<5;UCQ-HN@ M-$FJ:A#:O*"R(&K9+5YM7MT6ZB$T6<\ MQG@.>/E7/OUJEHVO:5X@M7N=*O8KJ*-S&Y0\HP['$'D'ZUSNH M^-;:0_'5WIVKW]O:Z??@*V<;3W#9(&.O(H V !@"L;PUX=MO#6@V&E MQ-YYLXO*6=T=ADG^M6]*UBPUNT-UIURL(1U]:Y33_B#I MMJ6NVOB#5K2U-KJCVULK<$1",.@MCH-S'YC@4 =K+;PS,K2POR%#E2R@[?I M3]J[]^T;L8SCG%9FJ^(\"T2*"34=0A@$^?)&2S28&3M R2 .XHD\1Z-%HB:R M^IVPTUP"ESY@*-DX 'J<\8ZYXH T/(A\[SO*3S<8W[1NQZ9H:"%Y5E:)&D3[MKE02/H:R[?Q5H5UI-QJL.IP-96Q(GER1Y1]&!Y4\C@CO1IGBO0=8U&:PT[5; M:YNH5+-'&^3M!P2/[P!XR,T :^U=^_:-V,9QSBA55<[5 RGTGQ M/H%@T,9L=3>:!YCG='*]:T'IA@&'X"LVR\;/=?$R^\+-;*MK#!F&YYS),H1IM$].%E4_G0!UOD0^=YWE)YN,;]HW8].TIT61"CJ&4C!!&0;XV'Q9?7HOIH6TZ MUMH=<33(9+K?^^4%5DQM_C+EE7MQS6AXA\9Z)H?VFSGU:UAU)8&>.%VZ-@[= MW89/3.,T = D4<48CC140#51@#*:';00QM'%#&B-U55 !."N"] M"U:7KZ&"?4+2&0\U:5,.K1 ML2&]#QCU% '5X-K,]D3<;C3:O]OA_L^'>)9\ M_*A4E6!]P015;Q9KM6\23266MNTR(^0K$=.]Z -B2&*8J98D(_#RV=[XCL--DTFXECBDNK*5]UL7(M"LZN.5R0"0>,]*W$UQ;?4]<&H7^G1V.GK$_RLRR0AD)8S$_+S_#CMUH W_# M Z4SRHQ*9?+3S"-I?'./3-8\7C#P_-I=QJ2ZI +2W8)+(^5VL<8&" LMUJ-TO[SMG M;Q >YX^7//% &]%!# I6&)(P3DA% R?PIZJ[*%50JCL!BN>O?$UM<^&TU?1- M3TUH7GCB$]R6,7,@1E.WD-S@]R,U+JGC/PYHMQ+;ZC]M;SQ$!XV8[ER-P.M!SC&#GH* -J6&*>.QS1I(AZJZ@C\C2B..*JA% 3[HQ]WZ5E:CXHT32;6VN;W M4[>.*Z7=;D-O.RX!RH7)88(.1ZBLK7?B'H6BZ+IVJK=0W5K?W"10O'P5+A7 M?.#W]W.2.O&*.K"*&+!1ENIQUK(O_#]O?ZI[&ILY7^S5G5(0HVN)5"G/TQ3; MGQ;H-GIUK?SZG"EO=Y^SMR3+CKM4#)QWXXJ63Q+HD6A+K;ZI:C3& *W/F H> M<8']<\8ZYXH TA#$L0B6-!&.B!1@?A2200S%#+$CE#E2R@[3[5RF@>+X_$'C M/4;.PO(+K2X+&*:-HQR)&>16![@_*.#TK:UGO+HWA_RO[5U"&V:;/EHV2SXZ MD*.D@=SB@!OB708_$NC-I4\[Q6TLD;3A"9$5@O3V!Q@^U:I13MRH.TY7CI] M*$S&\3:&FD0:LVJVHT^X8+%<^8/+8G/&>G8_3!JQI6K6&N:?'?Z;ON* +@10S,%6ZG'6FM#$\DM$C18QL*@'C'TKG++Q=96OARRU#7-5TM[S;EY$I[/>8Y2K,.(IROP!SI[Y[5T%I=V]1:0W=K.DUO,@>.1#D.IY!% #UAB M6-8UC0(N-JA1@?04[:.N_?M&[&,XYQ7/V_CKPO=WUM90:Y9R7%R0(D5_O&]%S M7#'I.R#:FU?Q?X?T&Z6VU35;>VG*[_+8DLJ_WF SM'N<"@#82*.-G9(T4N"5)89%#I(C!E93R"'.HKD_#7BZ)_ EMK MWB&]M[??--&TC8125F=% '5&^20.N#T;'?&<4 ; 10Q8* 2,9 [4JJJ+M50H] ,5STOCSPM!?_ &&3M6K87'FF':,D%QP5! P2.XSQ4] XO\/:9]/ 9][]UM!= J&1F^X6^[N/1<]L MD4 :\L$4X EB20*H.#2RPQ3Q^7-&DB?W74$?D:R=6\6:#H5Q]GU35+>UF MV]PCD;YB&) ('?[K?D;T-0U&ST]S:[O[B.WMU95,DAPH+,%7\R0/QH SO$/A MU-=AL?+O);*YL+@7-M-$]ML<*5Y5@01AC4.D>&/L.]W>K:AJ$NI:C*-#A MT2'67U2V&G3D"*X#Y60G. N.2>#P.>#Z4 :Q52P8]"5Z"2F&WA,XG,,?F@8M\S:-V/K7+:S\1-!TSPC=>(:;ZBO8(7\H1QOM+2]?+.1E6OSR*TO^$NT :*FK MMJD L7?RDE)/S\ W5&,D^P% &QY4>QDV+M:,X8X,>N:?C P*R8O%&ASZ.VK MQZG;M8)((GGW8."A6[]J7&EMHNJZ:-;3WCVTQDWEI"L9?; M$1QNZ'XQTH Z%+>&/[D,: -N^50/F]?K3O+CV,FQ=K9R,<'/6L3_A, #G]K MC2OI[8MOMIE\@1N/,. N:NFJ/&W. MW&:Q:[QU9:?XPMX;G4[5-$GTC[9%+D'S)#*%7:1RV5)X'UH [4@$$$9!Z@TW MRTPHV+A?NC'3Z5F_))HOJA+KG]IVW]ELNX77F#8>+8SZYXQUSQ4%OXO\/W5 MF;N'58&@6=++F)(*2,0%$0H2E&+_ %<,:%P.GTI656#*" <\CO63<>*=*M=(M]5EU2V%C<$""97W"4 MG/"XY8\'@<\&B'Q3H=QHS:O%J=NVGK((FGW8".6"A6[@Y(&#ZT :Q56(+*#@ MY&1T-,>"&21)'B1G3[K,H)7Z'M7(W/C.WOM5\,+H5]!=65[J,MI,]#'T/3TH T2JE@Q4%EZ"(I2 001D']* M** (XX(8E58XD0*' %4# H6WA202++&'"[0P49],^E244 -,49# HI#'+<=M3[TDD,4K(TD2.R'*EE!*GU'I3Z* "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ JKJ2EM*O%4$L8' ZGY35JB@#RK0M,F/X5BXLI"+6TF,HDB/IO(& MW=D?*<],]Z9XAL+HZ1\4XX;28BX:)H52, O";>/<5'?GKBO6** ,"U^7^QO' MFA:]J%O<2;5'ITUKYL4#2_99F9"&8*'0&52N#4RS*L>4 MC"P2;2>P ,>^*16NEC _(2KXAS-8_\'S!;HCF+_6C[.0P!QSSU]ZI^B@#R MJTU;5=(\>#+&62XTNS?1D\Z^33VN91*JH!#C:=F1D\@YVX%9]G!=V?P^T:Z MN;6]V67BDW=P'MB)4A\^3+F-1D?>!(KV6B@#SK5H+K6_%U]I:S!;WPG+%; M3O&T8$CR':#N VGD'!P:R&NX=:\)^%_#.FZ9>PZO9W-DTL+K$L]NZ8M'5$ MVS!VN/,OMVI0>PO&H1%95(MR,%<$C%=[H>C6OA[1+32;+S/LUJEQ>8V6O[FM"@#R]*3PQX;\O-J'%_I_B M>QTGR8S'8O=0SJ<'[.P52"054<$$=>15KQ]J-S:&TUZ!KW3O%KZ5$KZ>NGR7 M%O=GEA!PO!#EAD,"\Y%>IT4>3WAOM,\43QLP8Q2QA.#D+ MA?E8<5ZK10!Y7KNI74$5AKX>^TOQ=7FI6N@?%;5=3U*RN_LLFEVT M4=Y%9O,J-OD)3*@D9XIN!GMG 2RN_ #7@/2/%CV,T$FE:E<7GV-EVR)93R,&CMV]CM96QVQ7LE9NN:):>(=,;3KXR&U>1'D1&QOVL&"G_9) R* ,SP'ID^G>$[M:2\7&H7S/?WGKYLIWD'Z A?^ US-I>OI7C5;3P[/?7$%]NZO0 M]* .)T>T$GQ/U. -@\,;:-;)$TD.TH"TA9/8CY<@>@]O\,K>6T\ V,$T+PLD MMR!&ZE2H^3'!![8Q7744 >*IZK9)X7\=Z&-+O)12'U-5-0BMUBLW=;EVTU#P[XO-QJ>L;CIT,VDVEO>VMDMRC/&&$D:$QN5))W#IG) MZXKTO2-&M=%CNX[3S,75W+=R;VS\\C]FQ9K0H \OM= M;>[^'MO:1WEY807 M=[/YEY;%&4M'(ZEEVC9\Q&W(':I_&EV=&U^YU/0[F^C\0-;1Q?83I[SP:@H)M*+D+P068;@PQGD5Z310!YW%J<7ACQYXBO==M+J--3BM7M)HK62=65(IK1 HI MP0^3@XSNS61I,@WEO8> X;W3I$1=8NKK[-)'G[-&ZS/&&'\)&5^AX[5ZW10!MR.@6TL/Q%\82F%TAF6Q9'*D*Y$;@D'N>@/X4V"R+?&^O7MB571((XYRG /G M2EE#>N,9'TKL** /)=,OM4V^"]$MXHY;"UDU2]2YO/L33-:1^;*4VICC<<# M<00 ?>HM*M;:XT'Q. ^M3:O';RZY'N*]?HH Y M?P-JFJ:KIEX^I,9TANFBM;UK8VYNX@JXD,9ZO6]* /?[,U7PWJOANYU4+0TZ'+ MP[%8/=VMHMR(IU8%D;*/M!&,-CG9UI^HZ*UGHN@ZEIE_K$NGPZS/>W5R; >= M&9%<>:L!CQM#$GA. Q(KU^B@#R'5M/@O?!/C74-/U'5-8N[ZTBCD>>O\D.4S MMV 1IN.#R0#VK]]5L3%X]\%M;6I2"""\C8QQX6-?+3:IQP!D<#VKLZ* .4^(MVKLZ<>$VO:.)Y;W2[B+4;=$<2S1,&([Y3<,>]<9/W^F>#)\:1Z'$,7^S7KU% F=$H=UIOP]\(V320R27::087%UM0DB1I MQ)<$<S4$EU%H]QXXTK4],O;F^U6Y>:T6.S>5;N)H55%# ;1M((.X@"O4Z M* /&HK6_TO\ X0K5+F[U'3+*/PZEHUS;V0G-O-A"0ZLC; P&.XZKC-;+:&' MHVC2Z;/[J.H)<^*X;V::YM#"V2?G8)L7"9&E2/\ [[-=E\2()KGX<;_#;Q/+*]FX5(U+,Q]@.M:\ M>B6D?B*;7RVRVN6;*I&&+84=LDY/T%:5 'FGB'5!XX\/0>&-$LM0E-U) M MU=364L$5M$CJ[$M(JY;Y< #/6G:AI]I<:SX_36(;Y=-N%L 9:;%V?A/O)M M!)VM@G ,.0P/1FZ;3PN0*]?HH M \@\>QM!1\)^,2L-4U76+VYTU+=VFL/(5]I8]% C3>PR+N6+Q8<)$$'3" _Q8_&NXHH \DO\ 3[O_(1OQ9$EI-F3Q9#+ M&@C/S+YMN2P&.1P3GZUTVD:?GX@>-;B:TRLT5I&DCQ\.OE'$?!EE*IQI=H^GN+B^<6P:XECD7;MBV[3LR,G)!SM %5[>UO8OADT M\MK?-]F\3"]D5[8K-Y(NPQ?RP...2 ..:]EHH \0\17$C^-M,\2Q:CJ5AH\^ MEM;0?MOI_FF.3S=Q#H\;%PQ@[1G;5:XTZ#3-)T+5[9M3U/2X-??4+UIK)DD M&]77S1$$4[%I?$S7M5M+&Y@L[C3K8)/-:"+AE>0% M@&]I#D9X],&EU&\C\.?$ZXUC5H+G[!=Z7':VUW%;O,L3K(Q>,[2I;*G[@XM]]IVB@#Q_P#L6XN?#]M)-IDRV>H^,H[V*TEA(*6S..73'R@X+$'INYKV"BB@ M#W38+>P\$^&;F[O=2T:5[3[8:6XCL'G4;Y6W1R(%_=PVD X)QP:],\+WNHZ MCX8TZ\U:T%[?S0AIX I7:WT/(]<'D9Q6M10!Y#-Z3-#\$=&A2PD2[34;>9HQ M"0X;[8,L1C.=O?TK8MM4MO"OBSQ7_;EG>,VI3QSVLL5G).+F(1*HB!53RI## M:]*]&HH YCX=Z9>;/X!TFQOXFAN8XV9HL3&&=F5#[J]_"N$TNWN=+T+ MP1JM]8W3V&FW]^UY&L#.\)D>41RE ,D GKCC=FO8J* /)M5237D\>:YIEITUT61&1U#*PP0>XH \/\ "=\6T[PW'K,\]GHUE?FXMG&F2;6F M9W5%:Y#%"FZ0 , -W'2KDEF;6?Q5HVN:QK%A'J.H7$HM[:2UN%NH9?NE'$3$ MG:A<9R"O:NZMOA[[5O':6QN]3FTZUD62#3YKHM A4Y08Z>0*0" 21P*ZR@#A] M-TH0?%(S&"62.WV6\$5S,G.?-?(W8^\0!D59^)MH]IX%N;9+=K@O=6@,2IN MW+]ICSOZ8SFNOHH XR33E/QAM+$[&/+BT*1$F\OAA6\Y< ''!VEOP)KFK*]U7 MP_X31;>"2TA?Q#=I-=&S:8VD!ED(=8P.A.!G!W5ZQ10!XN]C]&I>%OB284O M[UKOR7MY)[3R9+D+"N2J!1 _=XP,GCN:V?%5Z=6O?"OB/3[K4;?2K5[F,>Z@L M"\D#NBA7,3H3MX92VTW5Z?10!Y%J^DVU[X"\27%C=ZE]\FI7UF9VN;+R1(5MEB!*($7(VCD@=OK77>*;5SXE\%_9X&,4&H2;O+3Y8U^SR 9QT'05U9 'BVO M:IK&M6IMKI[V*\AUJ(G28-,(CBB2Y7;(TQ4YR,-N# $MTQFNNM;^/P[XC\'ZMUJ$4R64)M9MX3[ZK:C.W/!.>/K7=U4U#3;35:9;:^A$T(D27RR2 61@RY ZC M(!P>,* ([ZTMI=T&XLYE86[]:-&RL,$*ZXY'8\UXS9IKALX/%M[IUX;_.+O M;Z>(1&V^>--Z7#*/XMPE!S_L5[K10!Y8-N(?#7@2*\M%FNI=;2_OP8]VV21 MJ]I&+>F&#@)]!4OB6ONG6U'XCF&UE(N?#\(0I&3YKA)O@>IZ#\]].HH \UCNT\ M_^-+;5=7[H65SH5O:6]S';22B*1&]>,A 2I,5/3G'M6C9PI>_%#3]233I8;M<>'F\KSK?88F,R_+C^%MI/'7&:[FB@#QBZTK48]"2XBCO;>VL/%UU,$TVJ7DC[DVL_[YP&/K\H&#Z8J+5K;?\ $KSKBUGELO\ A'+F M.7RXV;=F9"4&.K$9P!S7;44>>^!+ZYCU="UOE_+"C@@'L..O>O:Z* .1\46K MGQ-X+\B!C#]J$F[RT^6-?L\@&<=!T%<1?:7]?]A2W,<=[#%;>,;B\G,%OYDB MP[G E5&4[P"RMT/'/:O9:* /)[RSMM1\-^,]3LM5U75[VXT0K *Y4M*!&F]AD],D9'M7=QWMKX:\.6#9S^4%@MEAM8"Q0MA1E1T [^E:M% !1110 M4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1 M110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1 M110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1

KEU9/;PI;0P)*LXN_78L3D&/&5 QU/7*GL]1L=1 M1VL;RWNE0[6,$]N%/H<'B@"S16)XK\0'PSHG]H)9F[D:>*!(1((]S2.$'S$' M')JKHWBJ>]U^70M5TB33-26W^U1IYRS1RQ;MI*NN.02 00_M0 '2T54AU33KB M\DLX+^UENH_OPI,K.OU4'(KGH/%5]/'KYBL;.5]-U1,*-'N|'"0K&2Q9LC(\ MP\=\ =30!UE%5;K4K&REBBN[VV@DE.(TEE52Y]@3S4J75O(DCI/$R1,5D8," M$(Z@^A'>@"6BFQR1S1)+$ZO&X#*ZG(8'H0>XJN^I6$=\EC)>VR7;C*P-*HD8 M>RYR: +5%7]GIT(FO MKN"UB)P'GD"+GTR30!8HJ'[9;>3%+]HA\N8A8WWC#D] #WS[56U74DL-.OI8 MWB>YMK5[@0EN2 "02.N"1C- %^BL;3-?MY "VEZQ[4]M9"\M89F,D@1 SKL W@L\?>H_#6O2:Z^LAXXT6PU*2SC,9SO551@O]SNH W:*PO$.O2:+?:%"D<31ZA M??9I6D.-B^6[[A_WP.M:MI? 6=_ 9[.[@N8@2IDAD#KD=1D4 6**]V>I6&H&0 M65[:7)C.'\F57VGT.#Q5AW6-&=V"HH)9F. !ZF@!U%58M2L)C,(KVVD,"AI0 ML]GRP1D%N> 1SS2VFH66H0F:RO+>YB4X+PRJZ@^F0: +-%5+/5-/U!Y$LKZU MN6CX<0S*Y7ZX/%8OBKQ:;Z%I<\MG-:7-[!/;QO:&4%E$DR1DE0X$ M;;7\F0/M/H<'@U8H **JVFI6-_YGV.]MKGRCB3R95?8?0X/%);:II^H221V5 M_:W+Q<2+#,KE/J >* +=%4$]VFB>* ZA:B:8E8X_.7:C9:**WEO;*YV MJ9Y50,?09/-9I_BS1[?Q)%H4UW&EY);FX!:10H&Y0%)SG<=P(&.10!MT5G6& MHS7#ZB;N""WBM;AHD=;E9-**
Z!0=S8^X>3\IZ=>]3V>I6&HQM)8WMM=1H<,T$J MN%/N0: +5%5(M5TZ;Y2VBO[62>1/,2))E+,O7VC013 MBZA,4S!8I!(-KD]
**#W))]JIZUJKZ=IUU):1V]S>PQB06TMTL.06QDL<[1UY([M8H TZ*Q#XKTA/$Y\/R74:7X@6?#.H7YFVA,YSOSSC'0BJN@^+(-1?4(K^:TM M98=4N+"WC,H5IA&P (!/).>U '2T454O-4T_3WC2]OK6V:0X033*A;Z9/- % MNBL;5_%.DZ'].G6-_*9'] M%E+9K>1WEN]JV.3+*"AR<#YLXZ\4 6:*AMKRUO4=[6YAG5',;F)PP5AU4XZ$ M>E-NK^SL@3=W<%N I3TR0,^XH L454N=5TZS$)NK^U@$_^]LR MKYG^[D_A6=>ZY-:^,M(T58HVAOK:XF>0YW*8S'@#MSO/Y4 ;E%55U.P>_;Q M6^MFO%&3;B53(!_NYS3Q>6K670N83;KDM*)!L&.N3TXP* M"?4+2*:;'EQR3*K/GI@$\T^YU"RL@QNKRW@"+O8RRJN%SC)R>F>,T 6:*Q=: M\5:1H5C:7EW=(8+N>.&%HW4AM[!0W)&5&021T%:T,\5S"LT$]2Q.,JZ,&5A[M$4 245S6L^*I[37$T/1]*?5=4\G[1+&)EAC@C]P"[D']!]P ">#6AIVKS2ZT*M]=ZS8G1WA6PN;6ZAG@.<2Q2!EX]Q MQ5>WUS2;R0QVN]64[@$I8KA&.!UX!]4 7Z*J1:II\]RMM#?
**VLEPR"18DF4L4 M(R& !SC'>EGU.PMKN*UGOK:*YE_U<,DJJ[_0$Y- %]BHAH(ZT /HJI6MI;&YN;F&&W !,LCA5 ^IXH GHKG?%'B9='\%7^OZ:UO>"" M,/&0^Z-_F ZJ?>M*&^N)-=N+%K:);>*!)4F%P"LQ(,>,J!CKW_ H T**S M9M:M7L;^73KBTO;FTB=C"MRH&X D*S<[,D8R>E/_ +6MK?2I:\U.XM;'SD4L M)+A=@8C.T.VEY:BZM;J&>W.2)8I R<=>1Q6$_BN&7Q7H^E6$M MK=VM|#]^;!;^U:\7K;B93(\ (@.1;BVU62XOGP)-C2/_5Z_Q'T% '045$]S;I(T;SQ*Z)YC*7 * MI_>(l.#S4<.HV-P\]0WEO(T*AI DJDH",@G!X!'- %FBJUGJ-CJ,;26-Y;W2 M*=K-!*K@'T)!I+34K'4#(+*]MKGRCMD\F57V'T.#Q0!:HK*\1>(;#POHTVJ: MDY6"(@;5QN8DXPH)&3W^@-4-1\50VNNZ!:V\MK-8ZD;GS;D2 [@BCWY!!QU&
M#F@#IKPW]G)M(@U+39@\4T:OL++OCST#@$X/M6A<7$%I \]S-' M#"@RTDC!54>Y/2@"6BJAU73EL!?F_M19GI<&9?+/_ LXIZ7]G+:+=QW<#VSD M!9ED!0DG
**PV<=>/K0!8HJM:ZA97KRI:7EO.T+;9!%(*'T.#P?K53Q+JDFB> M%]5U6&-));*SEN$1^C%$+ '';B@##4HK.TO6;34H856ZMFO#"DLMO'*"\>X \
MKG(/>IVU.P2^6Q:^MEO&&5MS*HD(ESF@"U11(6'BRXU;QU?Z/92:9]@T\ MHDQ>8F>9FCW$Q@<84D Y]^E '7T54M14^[N9+:VO[6:XB_UD4] $]%
<[IWB5=2\7WNDVYMXK.&QAN MH[B)V\N[J1D<8&P?K70D@ DG '4T %%5+/5-/U$R"QOK:Z.9PX@F5]I]\'B MD35M-DN(K=-0M6GF4M'&)E+./4#.2.#0!O% M'G.LV]E=^,?&5KJ-Z;*SGT&VBENC7)LH8/ M^)II"!8IU.X*K@9 =<$X!(^;M7=&-"S,44EAM8XZCT--A@AMH_+@BCB3.=J* M%'Y"@#C?BJDC^#HDBD\J1M2LPDFW=M/GI@X[X]*9?^%=2LM-U[6O[5N=4\12 M:5+:VDOE+$(A@L%C1>?;!R23D"NW=$D&'4,,@X(SR*=0!XTLGA>YT3P5;^%_ ML1UR.]M&"VP7[1&H_P!>96."-)'^^ZH
**6^I[TXPQ$,#&A#"2'QB(6M&52!$Y(CNC_P!^ M@'KUN2W@F='EAC=SXE&902I]O2LNYT",\\56&N33LQL;>6*"WVC:KR$;L ^N MT;?Q- &G;6\5I:PVT"!(846.-!T50, ?
**E7F%U=Z=H7CF2:TN='UDZGJ\23V4 MBJ;ZTF^5-R'DE%VAL$# $@UZI47V: 7!N/)C\XC'F;1NQZ9ZT >22:%I5YX7 M^)]_+>7P2:1
**SILA5EVD_=PQSQ5P76EKXUTFY\62VHLY/#T)L9=0*^ M3YQ;,V"_R[R-GOBO4?*CVNOEKM?)88X;/7K39;;">(130QR1CHCH"/R- 'C M*-#:>%AJ4 \KP[!XQBNK5]I$<=H'4%U]
**(]Y8CMS6Q=ZOI^M>-?%%QIMU'=6\ M?A1V4NE0:GX(E\3-:II/_",*+5[W;Y N<1[LEOE#;.F?>N@^% L! MIWB/^RXQ'IYUR%3K"JVG#6%-P'4LNT0R\L!_#Z]L9SQFN2U_RKH>.I
**MO!OE-IATZT2X>P&8GE$A,NW9P2(3\VT_K7MC(CXWJK8.1D9QVI(88K>,1PQ) M&@Z*B@#\A0!YMX7M;"Z\7:9?V7B+PS*T%G+&+31;7RFFB;;C?^];A2 1D#!)
**MKMO%7_(H:U_UX3_^BVK1AM:>W9VA@BC+G+%$ W'WQUJ0@,L5@"#P0>]'CVK M-:-Z9\(?#LVGVEK;PS/82ZK.\!D$D1PS--@AG3>P)&>F>@[|:CU+ M0-
**:1='9+G2M%M_+CF522K2?O'&<%EZ=#[5ZH$4)L"+@'+C&W'&2HX+:"V0I!! M'$I.2(T"@G* /(]!NXC|CXC:#8W'A]GDTNY#)HL)58P1&RI/UCCH*H,*1SQ MS6 \GAAOA?I,#K:MXI2_A-
**PI4&[2?[2OG-)CY@.O+<3R(M[XWML&QTR>] $M>,ZC;QW7AK7+>9=T4OC=$=3%@CRTP6WD;1][U^M '$6.G66D_%]K?3K2&T@FT#=)%!&$5F6<
**M!20.,@$C/I6A\2EO&^'.\N"Q$IF-OR(OO&/K%>AV[N#SU]ZE,OAJ\\:>$# MX,;3WFA:5KEM."X2T\HC$NWI\VS ;G->F0V\%N&$,,<08[FV*%R?4XI(;"W
**M+F&&.+>*W&C:67PLB(BC)9B9P /QKT7R8O+,?EIL8DE=HP<\!*Q=*\ M.M8>(=3UNYU"6\NKU4B0-&J+#"A8J@ Z\ND:K#\-;*POX;FXA MN86FCB.YPXMI%(?'W6SG@X)P?
**0U5N=#TNX\"?$C49K&"2]34-0*7#H"Z;#N7 M;3RN#SQWKV%+6WC)*01*2V\E4 RWKI?>G>5'L=/+3;^2PVC#9ZY]: /,7N]% MB\?R3^,)+)8)=$M_[/DU':Y1Y;S@I?Y=Y)3/?
**&.U.G3PM:_$?P_=R0Z=!IES MH;+9R7$:HCN)(O+ W ?,$Q@=<<5Z5+;03JJS0QR*IRH=0<'U&:62"*;9YL2/ ML.Y=R@[3ZCT- 'CFJX&G^(FN59M*7QG$VI@ E?
**LPCAW;@/X<[<^U;EL^C77Q M(2?PJUF]K'H\RZE)8;3"267R5)3Y2_#^^/:O21&@# (H#G+/O38;>"VC\ MN"&.),YVHH49^@H \9TS1].L?
**AIX!U*ULH8KYM3L&:Y5!YC%W"MENI!!QCIC M [5[53/)B"*GEIL7!5=HP,=,4^@#P>_T^^NC>^";,R))X9GN]6ML9P5 62U7 M/?
**F9Q_P"KVHW:^(_ASXV\8*I$6I>5!:AATAA*KQ]9#)7M C02-($4.PP6QR1 M]::((A#Y(B01?W-HV_E0!Y_>QZ'9?&B*74H["%KG2(_L[W"HOFW G(&TGK)@
**MKTYZ5SEQH>ES^!/B1J4MA\)?+J.H,MPZ NA0]DVGJN#SQ7LN?6@"':3W:73;61R6=H49B>Y(%>;I<^&+;Q M?XQ_X3-M/6X>2,V_]H!?GL_*7:(MW4;M^0O.?>O40,#
**Z5%+;03LC301R,AR MA= 2I[L]* /&H+2VL_#OPVN_$T$$<4=Q+%-+?HOR0M%*84D+=!C9P>]=/8Z/ MHVL?%/6Y;FQM+R&/2K(6^] Z!'\WHZ<@#GT^M>@2PQ3QF.:-)$/574$'\#2
**MB-%8LJ*&( ) Y('2@#PR!IU\(?#YIKFRATJ&YO(Y9=2B::VC=6=8/, 9>@# M$G .*O:SI]LGP_\ %LUOK>EW\-[>6;21:1'Y4$#^9$K8P[X9AM)P>M>QF"$P MF$Q(8CP4*C:?
**PI$MH(X1"D$:Q@H@0!?RH @TW2M/T>T%KIME;VD Y\N",("< M 9,.IP!S[5Q_B/2['5OBMX&["%X+>.T76K0NK6PBP1"?-0!0^_(' M?*T]/M'L?
**$'@:T@U%=1:+0[Q8;P*"RC$.UNIXQCO7I,UK;W.WSX(I=IROF(M&P?;-/V(75]JE& <<@4 >&>%[." _P!#T.VNO$/AVPU2&_CDDC>T*ZB+D2_ ,MK,9LEF.03MP0>F*U-
**3@D@\0ZC\.T1A;:UJ46H1D#@6CYDN%!Z#YXF7'_ $TK MUS[+;_:/M'D1>?C'F;!NQ]>M/,:&02%%+@8#8Y ^M 'C7C[5+"Z7QC9&W\/6 M,UM (C]L@WWEXQA!1HL%2 .
**I^;&W/%;EMIUGK/Q&T0ZG;1WGE^&5F43KO&_MS%&X@\$X8]?6O1GMH))1*\$;2!2H=D!.#U&?2GB- P8(H8#:#CG'I]* /%;] MSL(? 4XGMX/L.F>+V1?,0%+>W%X-
**PY^ZF.O;%>Q:;)82Z= ^EM;-8E?W)MBI MC(S_ [>,??IS#$8WC,2%'SN4J,-GKD=Z5$2)%2-51%& JC H \^&J67A/X MIZ[-KEQ'96FLVUJ]G=SMLB)B5E>,N>
**W(.#ZU6\3Z[H6LZYX5OY[]"Y\,17E MQ'<3R#_1OM C'E%B?E(R6PW3/?BO29H8KB,QS1)(AZJZ@C\C0T,3P^2T2&+& M-A4;<>F* /%|::R>P^(5SX?:,:'):6R-
**):#]PUQDB0KMX("%=Y7MGJ:T?#SZ M7]NMZMJL?]A6ETFCM;16&GN68@;B93N1".H48!XZF00M?\.VNO:!]#.IK$S M(Z- %'6LCU(!!'&5'!.Q\+7 UVWUC6-
**7EU*ZM89(;8>0D*1A\;SA>23M M Y./:(@#@+'1].T[P/\-]0L[*&&]DO| O<(@$C^8A#@MU((.,=.GH!7%O%=W M?C.PUO6O#>FW%Q?S!FU6U+7(A('DO&YE7Y0N-N <$5[;Y4>Q$\M-
**J8VC:,+C MICTILEK;S2I)+!$\B?<9D!*_0]] /'_'<$[:E&NDR7-U-::4B^))K8[6GLRR M_+W_ !42,.X7=ZBO6M,ELIM*M)--,9L6A0VYB^[Y>!MQ[8Q5D1H&9@B@O\ M>
**('7ZT(BQH$10]@8"], 4 >63W/A*W^*?BMO%#6"GI[+:^0:\ IM[IPN[C* ([6&\\K[=_JDD+9M_,W< ^5G;FO4[;PW:0^(-6 MU61A.=1$&ZZ&1 5C,2L 1]=U:\L4<\9CEC22-NJNN0?PH
**\5UC[')X;^)-QH@ MB_L&46WD-;@>0\X $QCOP1!S)'!(K:\5K?MK_CA=,\PWA\-P>6(_O?>FSMQW MQG%>GB"(0B$1((@,!-HVX^E."*'+A1O(P6QR10!YH|UX'G\$ZFGAPZ8UZOAZ
**MXP+55\U(?+&1(5Y!W;>&YSGWK%D9XO$F@O?7NBV=HWANW6SDUFV,L!?_):A M/WB /C9GDDC%>Q):V\0D$<$2>8E 'CFOVJV-A\1;&QA,.GQWUA+/!;K@+$R1&
**<@#IE02<=LUJ6DOA:? MXM^Y/#(L& T^Z6>2P4>6>(|@)7Y=P&>.H!&>U>H"- S$(H+?>..OUID5M! M%$4$<87.T(@&,]<4 4_$'_(M:K_UYS?^@&O'M+E\-W'AGP#!H'V0^(EO;-Y5
**MA ^TKA"53*S_QC^,DGC'X5[B]* MF[:H7<+]2>,P M"_527M/*78(@>3\V_(7G/O65?1?03]S^@&-IK.]^'+![B4*G]LVI>1K4Q*$,3F M5 %!W< '#9)KV22W@ED222&-
**WC.49E!*_0!J2:UM[AD::"*1D.5+H"5^F>E M'EK+H^G>,=%3Q5?6=WIT?AM([.\OPHAFE#?O6&_(WLFP|_ $T^F7<=W!'X5>(S0G=&6#R$A6'#8R.F>>,U4|3T6W
**MTWX)Z3+IMG;P+/'82ZG-Y)F1P*|;2W@C4*D.;]%V *H M V^GTJ0*JJ%"@*!@ #@"@##RW3[#2;J_U>]D\5>'_ +/+HLMM=1Z'#Y(2(D8F M?]Z_*@L <#K[5H?#Z^@BU:YT*'^Q;|;.RB9-
**6TE%59$R6&4(#\%L!#.(

[9S69<^(]0BU[Q7:+-9O0Z9IT%S;O= B-&82EC M(5YV_(.G;-<(LBO\)CX&.FWA\3',!MC:R?Z[S<^?YF-NW^/?FMS7[.Z;[^(^ M(99#+X?ACC8(?WC".
<$#U/(X'K0!VE[XITC1;&REUG5+.WDN8PRX8XDX!)4= M2O/7Z9J[8ZSINIS216-]!(A02I.5/3G'M5?QM>W6A3:9XGT*QFC?5+)M(^SM%Y; M))(-ULQ3^$A]P/INQ0!Z78:A::I:+=6-
PEQ;LS*)$.02K%3CZ$$?A5'5O%.A M:%=0VNJ:K;VD\PW(DKX.W.-Q!!GN>*FT#2(= \/V&DP'?B'XDFUFRNI8!4MK86+16CSB941E>$;00#N.<'&=V: -3PWXSMY M/ -
AK_B&^MK8W#2(7/RJS"1E4*.YPO05O:?X@TC5=-DU&QU*VFLXMWV5"0!8 M!O)W9^[@<\XKRKP|%+H6F>]6U.PN8].L4OXIU$#.;2220['95!(& RY XS[
MU+K.G7_B/3/'FIZ+9W0L]0%D+=3 4>[\E@9F5&)RORC(^;&* /2])\4Z'KL ML6F:G;W,D2AW1&P0O\ >P>]^XXI=*\3Z)KES+;Z9]=O=2QKN98VSETV[G\?
RC3XFBDF\,75O',JX42>8FP9Z#& M21^- '06WC/PU>Z[-,MM:LY;PL46-9/O,.]]>A( ]=1I=TFF_%3Q%;7<<\;ZFEH]FWD.4E"1L'^8# P1W(H [.Y
MN8+.VEN;F:.&")2\DDC!511R22>@K-TCQ3H>OSRP:7]<%S-$H=XT.&"GHV#R M1[CBD\5WM[IWA34[S3(:(7MY% S16Y4L'/'Z.3ZX'7&*\^TN6]UCQ!!
MH;M$NH1>/IYM8TD+1D*IV@G!YY)QZ]: .@\1?$/3(!!:Z+J]E/J'!HV]M+$& M#'8TJ)CU(!]9Q6QK_C+1-#:>SN-6M(-1$)>.&1^'XM(O1JNF7]B+J,V3C[*R3*',[LT =]J7B?1-
(@MIK[4[>*.Y&Z [MWF+C.Y0,Y&".> MG(J._P#%WA[2_L_VW5]6(7,0FB)?.Z,]'XZ+_M'BN#OK/3/#>CZ%-INL:K9: MC9:>\=E-/ITDHN8F(;RI$V<'*K@?*PXI-;U2ZM!:Z_
UWIWBV72X5ETLV$D\ M%YU80\+PP9F&0P(SS0!ZO14=N\DEM$\T?ERL@+IG.TXY&:DH **** "BBB@ MHHHH **** "BBB@ HHHH ***;)(D,3R2.J1H"S,QP !U)- #J*\ZU7XAVNH7
MWAN#'1;B\B%)YJT2%Y;1XTNK+M+MM$_M6[^U MVT1E$"PSVLBS-*3@(L>-S$|L YK$UOQ:UU:+-I3W=JSZ[:6=U%<6S0R!6R6 M0JXS@@@Y'YT =Q17-
;IX[T32;VYM9FO)FLP#=R6MG)-'; C/[QE4A>.<=<5/ MJ'B_2;![6-6N;V2Z@^TQ1V-N]PQAX_>80'"\CGOGC- &]16=#K=C/]ZZ5'(_
MVMK1;P(8R/W1;:#R.#D=.M9MUXY\/V6DC5+B\:.S^V/8^88F/[Y"P*X SU1L M>O'K0!T=8=YX;>\NY+@:]K-N'.?*@N%5%^@*FH9?&NEPV5E.T.H^=>[_ "+(M64AN6"'#$Q8W
#U.!R4]J:1K%CKNGK?:?*9(2S(=R%&1E.&5E(!5@1@@BM* M=25-WB)]YE?\(G)_T,NO_P#@4O\ \11_PB]D2S;;=W$%G)+#;'KB1U4@$ C/IWQ6#XO\ $TK^+="T.SO=6M;2YBEG
MFN--M#*TO">7L;8P*_,2Q .,,XS6OUNMW_!?Y!RHZ+ A$Y/^AEU__P "E_\ MB*/^$3D_Z&77_P#P*7_XBG>,/$%QX?T]W-C EQJ5]=1V5G'*2$,KYP6QSM ! M)QZ4FEVOB?
3[L2ZQK>G7UB8V:;%F;=HF'(*G<05ZYSS[T?6ZW?\ !?Y!RH3_ M (1.3_H9=?\ _ I?_B*/^$3D_P"AEU__,"E_P#B*BL?'^@W][:V\4EVD=X_ MEVEU-
;21P7+>B2,H4DX./7MFDU3<%(9Q:)IUD)8R?;9(V.%)VM8+.6241L"=Q4+D 8YSTX'4U9G\8:+#H]C MJ:7+W$&H8%FEO3TDDY(SA4 W9P#GCC'.*/K=;O\ @O\ (.5$/_")R?\ 0RZ_
M_P"!2_\ Q%'_B-]#;3A?//-#"+M;*830.C6\S8PL MJD90/]9NVYQCC'O2Z?XZT/4]12RMI+KS)8GFMGDM9 M$2Z5?O&)B,/CV_#-'UNMW_!?Y!RH7_A$Y/\ H9=?_P# I?\ XBC_(1.3_H9
M=?\ _ I?_B*Y?PIXP6^O?$6N:OJ>]6UE97$\:P7%H8K6*%&55Y*9\WU7=GG& M*ZS2?&.E:QJ(T^-;RVO&C,T4-[:26[2QC]R;P-PY'3FCZW6[_@O\@Y41_P#" M)R?]#+K_/X%+ _\ $5:T_P
/O87B7!UO5[H*"/*N9U9#D8Y 45F6_P 1O#MU M;WES!+=26MG#)-<7"VDGEIL^\I;&-_?;UQ31\2O#1F$1N+L-(F^VS9RXO!D# M]Q\O[SDCIN?7IS2EBJLE9O\
!!RHZZBL&T\8:1>:%/]\+W)@MY3!-%]FD\Z. M4$#RS&!NW98<8[U5/CK39-+U6X@@OQ=:;$))K.:SE28!L[#LQDJ<'D= #GI7 M.,ZBBN&L_&O]M>$]U19Y](EN;FTCE,M@[)
(TI&8TW8RK$XWC('6M35/'6B: M3>W-K,;R9K0!KM[6SDF2V!&1YC*I"\EM8+-T/7K#Q%IYO-/D=D21H9$DC:-XI%^\C*P!! M'H: -*BN:UKQWHFA7%U#=&\D-
FBO=O;6DDJ6X897>R@A<1_WF0#*C'/..>* .@HKG;GQSX>M=+T[4I+XFTU%S'; M.D3L7< DKM R&^4C&,YXZU)I_C#1M1T_4+T3R6]:<2+Q+R%H9+?Y=WS*P! (
MY'K0!O45@Z3XOTO6+];&$7D%S)$9H4N[22 S1C&63>!N'(]^:]:=\0= U:& > M>RDO);:"$RO.ME*8^" 4!"\O\P^49/- &CK?ANTUR>SN9+B[M;RS+FWN;278 MZ!P
PY!!!P."#TIVB>'K30VNI89;FXNKMP]Q=74F^24J,+D\ #@ 52M?% MUA]JZA:6RWEKJ%M;&?R+RU>"38<@. X&1D8^O6N9T?Q-J;1^)K]\ED2^TFY MN;T! 3,R11L#@#KDG@>M 'I-
%8W_ E6D'2-,U1;DM:ZG)%%:,J$F1I/NC'4 M=\YZ8.>E;- "$ @@C(/45R4'P[TJ&^&R-[JDNE02+)'ILEUF!=K;E&,;BH(! M +$<"M"X\8Z+;Z3JVISW+);:3.UO=DQME'&.
,9.=RXQUS3M3\164,:6T-P3 M=W=E-=6NQ20410=Q/0#YEQGKF@#W\26=C#XAO=2UE9+33[WRFS;&/[/\]$1C&3(< ML,$#)+8H Z:BN!\5>-
T/@G4K_39+W3[JSFM?,^UVKP.B/.BYPZ\@KN&1[UT& MC>+!)US49;"U:YCNDB$ZQW-K)"98B<>8F\#XH W]BN83,[O+N6M)%@EVG#;9"-IY]^<<9IIV=T!!_P (G)_T,NO_
/@4O_Q%'_") MR?\ 0RZ__P"!2_\ Q%7-;\2:=H#6T=V9Y+FZ+""VM8'FEEVC+$(H)P!U/055 MN/&NC6VGV5V7NI&OF9+:VCM9&N)&4D./*V[AMP.15V\\2:5I^H3V5W="*6WLS?
3%@=L<(;:N=+!R#@=3@T?6 MZW?\%_D'*BC_,(G)_T,NO\ _@4O_P 11_PB!N'(]^:K;7X_\/ZQ%//:?$Y]M+>!IY;N2W M=($"XW R$;=PR"5SFCZW6[_@O\@Y42?\(G)_T,NO_P#@4O\
\11_PB_/2N7\5_$> MQ;2=FB7=TD[7\%O%=_97$$WI]%D5)"NUCMW=#V..E'UNMW_!?Y!RHZ3_(1. M3_H9=?\ _ I?_B*/^$3D_P"AEU__,"E_P#B*M^*K\Z7X6U&^&H#3S!$7^U&
M#S_*]]G\7TJKJ?C32-&U$:76D8%Q+;.L4\XC!D59" I8$-D#T-: M=_X[T/3KRXMYI+EDM7$=U'M2O+*"WGN=E\=EKH(ZU4T3Q0MI9> M*+_7+
[;:V&LS6\;,N2[!8]J*%&29\A?/'0;1G)]J/K=;O^"_R#E1G_P#" M)R?]#+K_/X%+ _\ $4?\(G)_T,NO_P#@4O\ \138?'FA3WT5LDMS9AL V:*\ M-K(+;27.-BRXVDY!'7!(P#3M3\<:+I-
[6[J^V!I8V'*GY<@^XKBY/'$J_"$>(!>V?\ ;']EBYVY7'FE ?N9 M]>\UNMW_!?Y!RHW/^$3D_Z&77__*7_P"(H_X1.3_H9=?_ / I?_B*=?\ MBZQTB*%;N"_FE-NMQ+]DLI9EC0Y^9BJD
<'C.>*+_P ;;#IUOID\MV\D>]1F M2R\B%Y#. %.%5022=PP,9_*CZW6[_@O\@Y4-_P"$3D_Z&77__/P*7_XBC_A$ MY/\ H9=?_P# I?\ XBGV_C70I] O-:;Z>"TLG,5T+B%HY(7&/D9"-V[D8&.
< MC%8=EXR_MGXBZ?IUF]Y!;_V=<2W%I=6K0ON#1[&(< XP6P1QUH^MUN_X+_(_G)_T,NO\ _@4O_P 11_PB&-#75 M[NZDO;D+!)>-:OY!G),$,H78&/'&:Z35?&^C:1?
SV6U0/=?9+.2=;92 M,@R% 0O'..N.:/K=;O\ @O\ (.5!_P (G)_T,NO_/@4O_Q%'_")R?\ 0RZ_ M_P"!2_\ Q%3ZAXNT;3[*PNC\TRUE:6XL@OV@JA*1L>BE MNF['..HJKK7BJPT.?
R;B#4)G6+SG^R64LPC3)&YBJD#H>^>.E'UNMW_!?Y!R MHLZ5I#:6TI;5-0O?, &+N4.%QZ8 QUK2KGK[QMH.GVVF7$MV\D>]1F2R\B%Y M#.
%.%5022=PP,9_*EM_&NA3Z#>ZRUT]O:6+F.Z%QO"TN^)!*\.:+]4[QM=LR0*D32-(P&=H"@DD]AW-2!L45@V7C+1+W2+[4S< MO;0:>Q2\6[B;*2 @
X9&&1P1CUSQ3=)\9Z3]^HII\8O:;[DC,L,5[:20&9!U M9-X&X#(]Z .@HKDHOB3X:FEB5+BY,3S_ &9KGI))Y,4N[:$>3;M4D^I[CUKK M: "BO./%7Q'L6TI4T2[NDG?
4+>WBN_LKB&;]^JR*DA7:WR[NA["'2NA/B.UT M[4?$DNHZN&M-.\@M:!E*FVWH"!N&3(7)! X)QO!TU9NIZ':O>:;<79E/\ M9]Q]IAC#81I-I4%ACG&21[U4'BW2TT:ZU6\%W86UJ0)?
MMK)"XSC&%(RV<@# M&VT]HK+=6CPR*LDZ+D!UY!&X9'O0!WE%<[JWC M72-'OY;&47EQ<01B6X6SM)) LZ'D-(4!VY'/KCFG7?C'1[:VT^>*6>]_M%#+ M:1V4#SO*@)8*H)
&1DGUQUH WZ*S(=?T^?4+*Q5Y1W=MP0=V,+?K% RK<72V4K00DXQND"[1U'?C/-2: MUXQTG0[DVUQ]KGG2#[3*EI:O.8HLD;WV@[1P>OH: -^BN6G^(6@6UEIMU))= MXU.-Y+*
(6DAEG"E1\J8R2=P(XY'/3FI[[QKI-A)'$R7\T[6ZW3PVlE+*\,3= M&D55RG?@\\'CB@#HJ*PKSQAHUK:6%PDTMW_:*:[.*SA::29< EE503@ C)., M9J*7QSX?AT.+69KUH[)
C[*6>)PTQ_L^;[0%QG?Y>W=LQSNZ?C6E/XPT6'1[#4TN7N(-0P+-+>)I))R1G"H M!NR #GCC'.* -VBN=_X3?0ET&YUF:YD@M;2=;>Y$\+))!(S*H5T(RO++[8.> ME)8>-]'U&6[A@%\)
[:W^U>1)92I)+#TWQJ5RX)XX'I0!T=%<3X;^(UC]OA.3 M6]2M!FQ6'/FEK678V9"BB,E?G8D 87)R<5T^DZO#K%L\T5O>0>6^QH[NV>%P M<]& R,$(]/EU?
MPQ]VFV[A)KNSF@C8G #,A4'\S6G10!Y:9-8U:T\&:<[AP !ZU9_L;9IGB5-6T;4[B&X\0O6=_]TG6VGAMYT1;N6S\LH&91@&0%B<<$@>M;6
MN2ZAXFM=$G@T34+9+;7K64K<6TFJ>&)/$^ MFMX=U#47U&_GO+.:V16BE$JC"NQ(V;2,'=V'&:H7F@7.@^'=$M(;/7?^$AT_ M2UA@U'2E#QE^\,@)P4W
'YAC'0@YKU:B@#SZ5M;T?Q?INO7^C7=^UQH:6=R- M.0/Y=R'WD$$C"G<0#G'%95AH.LOX>T1+K2I8KA/%CWT\!PWE1&25MV>A W#G MZ5ZM10!Y[XPTB\3QO8Z\
(M8EL#I[V?:NAHH \PA&KZ#I'B3P\?#FH7US?W= MW+:7$"*T$ZSDE3(Y(V$;L-GL.,UJ6/AV_P!,\0>"(FC::'2](GM;BX4?*'VP MJ.??:P?9F<$E16Y\/M,O?#MA?>'[RWD(
MLKEGAOR.+U)"7#L>\@)*M]!7844 >;>(=$U.YD^(YALII']&F6\5IM7_ %SK M'("%]2"1^=;&HZ9>2>(_ \5]YBLC/\ :& XB!MBHSZ9.!78T4 >7W'AK6+C
MP7XAMXK)FNCXBEU""VD(7[3&MPL@)XPP4XS[5]J]IXJ\;:!]2:-J&G6>D)< M232W\0B9WD38(U7))[DGIP.:[NB@#S:TT+4HO@9J.D&PE749;>]"V^WYV9Y9 M"O'J01^=;%
[I5V_BOP3)-,M/%\ M^EVMS'-M,\/Z1J,_B7Q#=?9M86UO>)CM[M>?5B/,D<-)D8'W1\PX.#WBO3** /+K>UU2^^'GAC2SHNH6]WI5]IL=PD\0& M1$Z[W7!.5 &P?P[J&HMJ-_-
>6);;O/9Q:[+H>I:3 D$FD,1)$5+,/%= =VTJ MX.><$'-=G?>!_#NHWMQ=W%B_F7)S<'*YEC28XQET5@K<>H-;T,.5O!'!#&L< M4:A$1!A54# '84
>>P^'C"_@TZ=IFHQ6T&J7%U<+>D-+'OCE^=\$RS]?X MAT-5_$GA;5M9E\?P6MNRG4(+$VCL=]S-$"64\ OXUZ;10!P'AVQMKWQ#97T MVG^*UN[2.0I)JKYBA+
*RC)^8GVR.*BT>R\1:)\%8;73+1X=N92 M6(#<%MA)&>IQ7HE%'F&BZ;J,_C.[U$6NO-9OH2..SO9+,2,01,4P& M9<=LDCZJ:LV6DV.G7-[S#RQ_P&O4** /.!H>I#P)X
MLQ8RBYL;S3Y+F/;S"$4ARWIC/-5-1\,ZQ):>(;B#3Y)9(O$T&J0VYPINXHUA M)"YXYVMCW%>I44 VM1>>?(HXCW1@+GZGBL+PO!?V?BFV@T;3]:T_0F29[ZRU)%F!SR@@,2>
M6)R%)7'I7HU% '%^(8W]O>F>)(],N]1LA836,R6B!Y(69T=7"Y!(.T@XZ5 M4OYM3C\4:+XN;0-0DM?L5Q9SG6:*KW%OND5DDV \Y"<@$D9KOZ* /-U\+WOB7 M3OX&E*/
GB>_O()K3 M7M8$*QVLC!2L<&W:F>VYA(?^!BO6** . \.V-M>^(;*^FT_Q6MW:1R%)-5?, M4)8!649/S$_[.1Q5*T*:I=_ <^'5MS;:F]L^(9/D)<2E]I]-V,9]Z],HH \ M[T/3K?
4M9$L[B:Q\61WEM%+LEU.3,5NSIM8 EOF)SQMR.,U@_9M=_X5WIGA > M&-0%[I]S:+<3[5$&R.=6\O&S\^0,X XR2>G/L5% ',_$2QNM3^'VN65E \|S M-:LL<2#+,>.!45IIUVGQ.O-
0:W<6K:-! LQ'REQ+(2N?7!!KJZ* .7^'VGW6 MF>%%MKRW>"87EV_EN,':UQ(RGZ$$\:Q-/MM0M!XWT>72KW??W%U>6URL8,, MBO$]JH;/WL@C&*]#HH
\^ET;4#X6^'ENME+YVGW=D]T@7F%5MW5BWI@D _6L M+_A'I;&77]+U:P\W4-]?7$T8TR7-O<13$G#<@*W)4[L=.M>O44 8VNV#OX* MU+3[.)WYZ5S'@*/3["'3+1/!5WIFHK9I#
<7S:=*$I94&[M=(#N.67\3BO0** /+;3P]J:?"WPKISZ?*+NVU2UEGA*_B+<[F8CT"\UKZ[I M]VOBWQ#]MW%F_AGR!-CY3('E)7/K@@_C7=U'<6\5W;2VTZ[X94,;KG&5(P1 MQ[4
>3Z2^I^)/"G@;1X=!OK;[%)8WDUY*%\@11*&#(X/S, '&,C)STJS=>'M M9_L_5+J'3I9I+7Q:-6CMN US H3.S/!/4C/=:],LK.WTZPMK&TC\NVMHEAB3 M).U% &3R> .M3T <+!!
<^* '%KJLNCWECIEE\]L_V^,1OYXK#^'^EWUQK]Y:7S$V_A:&72+&;=G>7;=0]B(A"N/=[B7YBQ>1SEF)))R30!Y9X<\-M;:5IOA[6]-\4R3VD\:LL,N;(E) RR! MMP&W@-CKU&,U8FT*?
3M9\1VVI6GB>XMM2O)+F%MDS#+'(J@HX!&UA@CYL C M'->L44 90L5MO"7]GVD,B+'8^1%$YW. (IH4G)R>@ZUYX+\/K#_A2XA7PM9? M\)!_9*KD6:?://V#/S8SNSWSFO6** /.=
<_X2 ZO]CDAUPZ;_9\2V::2$4// MR'$SGE?X<9(7&>]0^'-!U.U'PX^T6,R?V=97*7>Y?]2S1* &]"2"*],HH \N MUKPYK%P/%LUM822M_:-E?V\)P!=)$D1=5SQ_"P^HK4M)M1USXD:;J_\
86H6 M.GP:;<0>=>($9G9XS@]"2!QQGK@^F3WM% 'C5A9:]>?#32?!,GAK4+6^,D'F M74BKY$4:S"0R;I\-@8VXSFNDM9]2\):SXEBD\ZCJ2ZE>F]M)K2-763=&]^6
MY)&S!7&3Q@UZ#10!Y9I7A,5O!9)7T^GW&I1V.FS65Y%9@2/ \CK(&5<_ 0 M5..U1ZMH6L:SH'C34TTJY@DUF>S%K9.)BD)0%V /RD\G'4!7J]% '^"]. MO_#5S?>')[9Y;&-
VNK+400\ K4=B624]Y5)ZG[PP>U4?%#Z])XFGMVBUQM*: MT7[&ND!))R6WB5SRO\ #C)"XSWKO]* /_ #F@ZI:K\.!<6,]'3K.Y2[W+_J
M6:)0H;TR($8NS1G!4$D#C@GKSCIDZGB'3[JZ\:>$+]& MW>2WM)EIY ,B,- RJ3]20*ZFB@#S#Q!X9U?49?"V6S9VN+G3[FU1R%6Z\E M49E!/'.TCGOBM3S+
[Q7XR\/7\>BZCIUI!GFGEOXA$S,\901H,DMU))Z<#FN M[HH \N;P_JG_I2XTH:?-_;#7CR"WV_,1N+@X_W<'Z5V\WAU9-4EU :KJJ MNX;$'VIO(&5V_P!:VJ* /'?
LVNGX>Z5X2'AC4!>Z?C7E]IU\UD$CMQ\\H6,!F3D>#GCCFO0* M* /*)=-\3ZAX=NB(-2O;33M4M+S3H-3"I=W$43!I$;IGG.TMR<<]IV?%%W]'
MBSP9J%O9Z!JENRSVAC6IB"/+B=&?"9)PH7.3C.>.E=]10!P%O/]/A+Q-XD>3 M0=1U'*]A+NUGLHQ(&/EJAC?)&X!7@GC!K)C\.2:)X/\/V=[8:V-7LX9GAO= M% =K9Y'+-$>
<%>0.05.WJ*]5HH \W\ PD6GZIX5\0ZOI5S>W*:9-::@EA&K MO%*YC8':#@@["#C@'VK.&B:U>^&-6%QHT\$WJXAO1;/AR(?,A))QP0 #G'' M!KUFB@#@/&VD7C>+-
'UR.+59K*&VFM9QI4F)XBQ5E8#JRG;00.>E;?@S3[6R ML+V>VM-5MVNIHS2G5&S-*VU5WXR2!@ #28M191I=I;7OJG" L,B0X M;SV7#X;@KG
/(Z5Z[6%J7@[0]6OWOKJTD%U(@222"YE@,BCH'\MEW8]\T ^#5?5=(N].\>:UJ-Q#X MBDLM32!H)=&D)VM&FQDD4'(Z @].37HME96NFV4-E901V]M"H2.*-<*H] *L M4 >47?A=](O_
_]%C8: 'I,.FR6;P64H^UVS-() 6)W \@A2<8%7)?#^[1 MM*;3-,U9?,\2V]_S\/>"[R:RU51IGVR*[@L'V7,8E8[749Y MVC(`.&KV.B@#R[4/#_VSP;JZ9IFMF[O=0LWE_M,YEF$N>&]
M7F^QRNLJP1@>8&G9U>%@P+;?E;CD>[6])U_5O#OA_4KS58=4O+1;V&WT].]5 M5O9ESZ)?PZ;.L%_);R+;2MT20J0I/T.* ,>P\?7FXURUT] T34M+FO(WDM& MNO**S! "P^1VVL
*O#NIW&C3VGV&.9;VXNM4-S)-(\6W\%VT+V=O#>S>+(;FVMVN#(@#R@HI?J1G@DC/?% '>67C:">ZO[.^TK4 M--O;2T-]]GN@A:6 9&Y2C$=>""002*JV/Q%L[U]*E?2-
4M=.U1TBM+^>-%C> M1AE5(W%AGH&(P3T...S;G3I:U/5-6\1ZMIBZ9%;2'/906YN%F>1F^=G)7@#Y M0 .O4\5F:%8^(_($A/P7IMQI4-
KIUG]BO7OQ*A;1/;.&=59H55/GX"9;D#L3BNCO?&:0:M=V%CHNI MZH;':+V6S1"L)89"X9@7;!!(4$C/KQ6!<^$M8DTG6+=;=#)<^)X]1B'F+S) M(B6Z\'"-QUXJY!:>)?#6O:[_
&;HL6IVFJW0O(9S=K%Y+E%5ED!YQE005!XH M U->\8/H+74TN@:K/I]FH:YOHEC$:+@$D!G#. #S@'&#Z5BZIXCN;#XGPQVE MMJ&I1W&AB2&SM"-I;SC\YW,$7Y>-
Q([*LOQ9X6\1ZQ-XDMY--EU$WB%=-N/[M3,,%LAC V&+<,MNR<[2&R,D"M:XTWQ'I7BZQUFPTB/4+>+18[&:(7*QR;PY8 M[=W!QQUP,'@8H 9]WBE-;L/#%[ISW=IN\116EU!(?
+D1E$@>*0 XZ@<<@\5 MJZAX\MK*74'ATG4;RPTQS'?WUNJ>7 P ++!8,^T'+;0<5A6OA#6A8:=/<01+ M>S>)_P"V;R%)05MXR&&T-QN(&W..IS55_!4]AJFMQS^%CK=OJ%
[+=0W$>I>0 MH67EHY$+#H<\@-D&@#U"*6.>%)HG#QNH96'0@\\@T^LNU:_MM4AT^/38HM(CL ME*W"S9*RAMHB"8S@+SN_"M2@ HHHH **** "BBB@ HHHH **** "BBB@
HHH MH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** " MBBB@ HHHH ****
"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ** M** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHH MH **** "BBB@ HHHH ****
"BBB@ HHHH **** "BBB@ J"YL[:]6-;JWBF$ M4BRH)$#;74Y5AGH0>A]>B@!LD:31/%*BO&ZE65AD,#U!%-M[>&TMHK:WB2** M) D<<;A510, #H *DHH **** "BBB@ HHHH **** "BBB@
HHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH *** M* "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M ****
"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ MHHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ****
"BBB@ HHHH **** "BBB@"EJ^H?V5I M-S?>5YODKNV;MN>?7!KB?^%H_P#4' \ )G_["NI\7?\ (J:C_P!*-_NM)&5#?0F]]=2PM%[+\6<_P!8JKJ>A_\ "T?^H/\ ^3/_ -A1 M_P
+1_Z@_P#Y, \ V%<)]ANQ:_:OLL_V?_GKY9V?GTJO1]5HOI^+#ZQ5[GH? M_"T?^H/_ .3/_P!A1_PM']#_P#DS\ 85PHTZ^,(F%G<&(C<'\IMN/7.*AB MBDGD6.*-
D&Z*&R3^%'U6AV_%C^L5>YZ!_PM'_]#_P#DS\ 84?\+1_Z@_\ MY,__&%<)/8W=]@>XM9X5)P#)&5!/XTXZ;?B'SC97/E;=V_RFVXZYSCI2^K4 M.WXA[>KW.Y_X6C_U!_\
R9_^PH_X6C_U!_\ R9_^PKS\Q2+$LIC81L2%WXL7UBKW,__P"%H_\ 4'_\F7\ ["C_ M (6C_P!0?_R9_P#I*X'[-<>>8/(D\X?L]AW=,]/IS4D&GWMS'YD%G<2IG&Z M.)F&?]!2^JT.WXL?
UBKW.Z_X6C_U!_\ R9_^PH_X6C_U!_\ R9_^PKA'L+R. M9(9+2=99/N(T9#-]!WJ%(WED$<:,[DX"],DGZ4_]M'M^+%]8]]ST'.A:/_4' M_P#)G_["C_A:/_4'_P#)G_["N#N;*[LRHNK6:
MT\V,KG\Z88)1)S$_DEMH MDVG:3Z9!:/]M#M^+#ZQ5[G?_/"T?^H/_P"3/_V%>?-' M(B([(P1\[6(X;'7'K4TMC>00+/+:SQPM]V1XR%/T-'U6CV_%A]8]]SN_^%H_
M]0?__,F?_L*/^%H_]0?__,F?_L*\\HH^]4>WYA8]]ST/_A:/_4'_P#)G_["_MC_A:/_4'_P#)G_["O/**/]E'M^8?6*O<]#_X6C_U!_\ R9_^PH_X6C_U!_\ MR9_^PKSRBCZI1[?F'UBKW/0_^%H_]0?
__,F?_L*/^%H_]0?__,F?_L*\\HH^]4>WYA8]]ST/_A:/_4'_P#)G_["O/**/]E'M^8?6*O<]#_X6C_U!_\ R9_^PH_X6C_U!_\ R9_^PKSRBCZI1[?F'UBKW/0_^%H_]0?__M
,F?_L*/^%H_]0?__,F?_L*\\HH^]4>WYA8]]ST/_A:/_4'_P#)G_["O/**/]E'M^8?6*O<]#_X6C_U!_\ R9_^PH_X6C_U!_\ R9_^PKSRBCZI1[?F'UBKW/0_^%H_]0?__,F?
_L*/^%H_]0?__,F?_L*\\HH^]4>WYA8]]ST M/_A:/_4'_P#)G_["C_A:/_4'_P#)G_["O/**/]E'M^8?6*O<]#_X6C_U!_\ MR9_^PH_X6C_U!_\ R9_^PKSRBCZI1[?F'UBKW/0_^%H_]0?__,F?_L*/^%H_ M]0?__,F?
_L*\\HH^]4>WYA8]]ST/_A:/_4'_P#)G_["C_A:/_4'_P#)G_["O/**/]E'M^8?6*O<]#_X6C_U!_\ R9_^PH_X6C_U!_\ R9_^PKSRBCZI1[?F M'UBKW/0_^%H_]0?__,F?_L*/^%H_]0?
__,F?_L*\\HH^]4>WYA8]]ST/_A: M/_4'_P#)G_["C_A:/_4'_P#)G_["O/**/]E'M^8?6*O<]#_X6C_U!_\ R9_^ MPH_X6C_U!_\ R9_^PKSRBCZI1[?F'UBKW/0_^%H_]0?__,F?
_L*/^%H_]0?__M_F?_L*\\HH^]4>WYA8]]ST/_A:/_4'_P#)G_["C_A:/_4'_P#)G_["O/** M/]E'M^8?6*O<]#_X6C_U!_\ R9_^PKSRBCZI1[?F'UBK MW/0_^%H_]0?__,F?
_L*/^%H_]0?__,F?_L*\\HH^]4>WYA8]]ST/_A:/_4' M_P#)G_["C_A:/_4'_P#)G_["O/**/]E'M^8?6*O<]#_X6C_U!_\ R9_^PH_X M6C_U!_\ R9_^PKSRBCZI1[?F'UBKW/0_^%H_]0?__,F?
_L*/^%H_]0?__,F? M_L*\\HH^]4>WYA8]]ST/_A:/_4'_P#)G_["C_A:/_4'_P#)G_["O/**/]E' MM^8?6*O<]#_X6C_U!_\ R9_^PH_X6C_U!_\ R9_^PKSRBCZI1[?F'UBKW/0_ M^%H_]0?__,F?
_L*/^%H_]0?__,F?_L*\\HH^]4>WYA8]]ST/_A:/_4'_P#) MG_["C_A:/_4'_P#)G_["O/**/]E'M^8?6*O<]#_X6C_U!_\ R9_^PH_X6C_U M!_\ R9_^PKSRBCZI1[?F'UBKW/0_^%H_]0?__,F?
_L*/^%H_]0?__,F?_L*\ M\HH^]4>WYA8]]ST/_A:/_4'_P#)G_["C_A:/_4'_P#)G_["O/**/]E'M^8? M6*O<]#_X6C_U!_\ R9_^PH_X6C_U!_\ R9_^PKSRBCZI1[?F'UBKW/0_^%H_ M]0?__,F?
_L*/^%H_]0?__,F?_L*\\HH^]4>WYA8]]ST/_A:/_4'_P#)G_[" MC_A:/_4'_P#)G_["O/**/]E'M^8?6*O<]#_X6C_U!_\ R9_^PH_X6C_U!_\ MR9_^PKSRBCZI1[?F'UBKW/0_^%H_]0?__,F?
_L*/^%H_]0?__,F?_L*\\HH^ MJ4>WYA8]]ST/_A:/_4'_P#)G_["N]L[C[796]SMV>;&LFW.<9&<9KY_KWG1 M_P#D"6'_ %[1_P#H(KDQ=&%-+E1TX:K.;?,R[1117"=84444 %%%% !1110

M4444 %%%% &+XN_Y%34?^N7]17BJ.T?B_C1T1NKF#PI=_P!HSR22:BZ&WCE8 ML<*]<["H>>-&.%9@"?QK6U+7HM3,LDVE6JSNNT2J\F5],#=@8],8
MK.>Y5[&*W%O$K1LS&8#YWSV)]!73!-+;>U:4,4VUS$JP:::;VK!LEXWD)(]/F8BFZA?R:C<)-(BJRQ)%A?15 M'\JOD::;?^1/,DF:%W_R)^F?]?4_\DK;UU1J\P**
(X9'D##J2V,_RJ=];N3K$6IH$CGB"!0.A"]%Y^H'/UI.F[MW[7_ #&IK;T.B' ,)2I?]U_\ T0:RO!]Q.OB.SA6:01%F0),=I^4]JK'7YSX@ M?6/)B$S[OD&=HRA7^1JIIE_)I>HQ7D2*
[Q9PK=&=2'UH]F^5KR2 ,.=F&::20B8 %V)Q^=2:4[6FB:W?0$K=(8HED7[R*['<0>V< 9K(TV M^?3=1@O8U5GA;<%;H:ET_59M/EF*QOS0SKLFAE64<9S^8[&G.#;=O+\O1DE:
M_F:6E7,U[HNLVUU*\L,=N)T\QB=D@8 $9Z9R16AIL\+>&=/TVZ(6VOI9XRY_ MY9R#9L;\#Q]":PKK6?,LGLK.R@LK>1@TJQ%F:0CIEF).!Z55EOY)M-MK(JH2 MW=W5AU);&
<_]\TG3GVUF+@ 3-$6)8 YP-Q.!GL*%"6CZ_P#!!RCJNG_,FBBBMS$ M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ H MHHH **** "BBB@ HHHH ****
"BBB@ HHHH **** "BBB@ HHHH **** "BB MB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M **BBB@ HHHH **** "BBB@ HHHH **** "BBB@
HHHH **** "BBB@ HHHH M**** "BBB@ HHHH *]YT?_D"6'_7M'_Z"*\&KWG1_P#D"6'_ %[1_P#H(K@Q M_P ,3LP>[+M%%%>8=X4444 %%%% !1110 4444 %%%%
&9X@LIM1T&\M+< S M2IM4$X&HH^NU//(]E,\A_X5_K__ #QA_P"_HH_X5_K_/SQA_[^BO7J M*/KM3R#ZI3/(?^%?Z_\\8?^_HH_P"%?Z___\8?^_HKUZBCZ[4\@^]4SR' M_A7^O_\
/&'_ +^BC_A7^O_/&'_OZ*]>HH^NU//(]E,\A_X5_K_P#SQA_[M^BC_ (5_K_\SQA_[^BO7J*/KM3R#ZI3/(?^%?Z__P \8?\ OZ*/^%?Z_P#\ M\8?^_HKUZBCZ[4\@^]4SR' A7^O_
//&'_OZ*/\ A7^O_P#/&'_OZ*]>HH^N MU//(]E,\A_X5_K__ #QA_P"_HH_X5_K_/SQA_[^BO7J*/KM3R#ZI3/(?^%? MZ_\\8?^_HH_P"%?Z___\8?^_HKUZBCZ[4\@^]4SR' A7^O_\ /&'_
+^B MC_A7^O_/&'_OZ*]>HH^NU//(]E,\A_X5_K_P#SQA_[^BC_(5_K_\SQA_M[^BO7J*/KM3R#ZI3/(?^%?Z__P \8?\ OZ*/^%?Z_P#\\8?^_HKUZBCZ[4\@ M^]4SR' A7^O_ //&'_OZ*/\
A7^O_P#/&'_OZ*]>HH^NU//(]E,\A_X5_K__ M #QA_P"_HH_X5_K_/SQA_[^BO7J*/KM3R#ZI3/(?^%?Z_\\8?^_HH_P"% M?Z__ ,\8?^_HKUZBCZ[4\@^]4SR' A7^O_\/&'_
+^BC_A7^O_/&'_OZ* M]>HH^NU//(]E,\A_X5_K_P#SQA_[^BC_(5_K_\SQA_[^BO7J*/KM3R#ZI3 M/(?^%?Z__P \8?\ OZ*/^%?Z_P#\\8?^_HKUZBCZ[4\@^]4SR' A7^O_ //& M'_OZ*/\
A7^O_P#/&'_OZ*]>HH^NU//(]E,\A_X5_K__ #QA_P" HH_X5_K_M ZQA_[^BO7J*/KM3R#ZI3/(?^%?Z_\\8?^_HH_P"%?Z__ ,\8?^_HKUZB MCZ[4\@^]4SR' A7^O_\/&'_
+^BC_A7^O_/&'_OZ*]>HH^NU//(]E,\A_ MX5_K_P#SQA_[^BC_(5_K_\SQA_[^BO7J*/KM3R#ZI3/(?^%?Z__P \8?\ MOZ*/^%?Z_P#\\8?^_HKUZBCZ[4\@^]4SR' A7^O_ //&'_OZ*/\
A7^O_P#/ M&'_OZ*]>HH^NU//(]E,\A_X5_K__ #QA_P"_HH_X5_K_/SQA_[^BO7J*/KM M3R#ZI3/(?^%?Z__P \8?\ M^ZQA_[^BO7J*/KM3R#ZI3/(?^%?Z__P \8?\ MO^]4SR' A7^ MO_\ /&'_
+^BC_A7^O_/&'_OZ*]>HH^NU//(]E,\A_X5_K P#SQA_[^BC_ M (5_K_\SQA_[^BO7J*/KM3R#ZI3/(?^%?Z_P \8?\ OZ*/^%?Z_P#\\8?^ M_HKUZBCZ[4\@^]4SR' A7^O_ //&'_OZ*/\
A7^O_P#/&'_OZ*]>HH^NU// MJE\A_X5_K__ #QA_P"_HH_X5_K_/SQA_[^BO7J*/KM3R#ZI3/(?^%?Z_\ M\8?^_HH_P"%?Z___\8?^_HKUZBCZ[4\@^]4SR' A7^O_\/&'_ +^BC_A7
M^O_/&'_OZ*]>HH^NU//(]E,\A_X5_K_P#SQA_[^BC_(5_K_\SQA_[^BO M7]*/KM3R#ZI3/(?^%?Z_\\8?^_HH_P"%?Z___\8?^_HKUZBCZ[4\@^]4S MR' A7^O_ //&'_OZ*/\
A7^O_P#/&'_OZ*]>HH^NU//(]E,\A_X5_K__ #QA M_P"_HH_X5_K_/SQA_[^BO7J*/KM3R#ZI3/(?^%?Z_\\8?^_HH_P"%?Z__ M ,\8?^_HKUZBCZ[4\@^]4SR' A7^O_\/&'_
+^BC_A7^O_/&'_OZ*]>HH M^NU//(]E,\A_X5_K P#SQA_[^BC_(5_K_\SQA_[^BO7J*/KM3R#ZI3/(?^ M%?Z__P \8?\ OZ*/^%?Z_P#\\8?^_HKUZBCZ[4 M\@^]4SR' A7^O_\/&'_
+^BC_A7^O_/&'_OZ*]>HH^NU//(]E,\A_X5_K M_P"_HH_X5_K_/SQ MA_[^BO7J*/KM3R#ZI3/(?^%?Z__P \8?\ MO^]4SR' A7^O_\/&'_
+^BC_A7^O_/&'_OZ*]>HH^NU//(]E,\A_X5_K M_P"_HH_X5_K_/SQA_[^BC_(5_K_\SQA_[^BO7J*/KM3R#ZI3/(?^%?Z__P \8?\ OZ*/ M^%?Z_P#\\8?^_HKUZBCZ[4\@^]4SR' A7^O_\/&'_OZ*/\
A7^O_P#/&'_O MZ*]>HH^NU//(]E,\A_X5_K__ #QA_P"_HH_X5_K_/SQA_[^BO7J*/KM3R#Z MI3/(?^%?Z_\\8?^_HH_P"%?Z___\8?^_HKUZBCZ[4\@^]4SR' A7^O_\M/&'_
+^BC_A7^O_/&'_OZ*]>HH^NU//(]E,\A_X5_K_P#SQA_[^BC_(5_ MK_\SQA_[^BO7J*/KM3R#ZI3/(?^%?Z_P \8?\ OZ*/^%?Z_P#\\8?^_HKUZBCZ[4\@^]4SR' A7^O_ //&'_OZ*/\
A7^O_P#/&'_OZ*]>HH^NU//(]E,\ MA_X5_K__ #QA_P"_HH_X5_K_/SQA_[^BO7J*/KM3R#ZI3/(?^%?Z__P \8?\ M^ HK_P"%?Z__ ,\8?^_HKUZBCZ[4\@^]4SR' A7^O_\/&'_
+^BO5=.A>VT MRT@D #QPHC 'N% -6:*RJUY54E(TIT8T]@HHHK U"BBB@ HHHH **** "BBB M@HHHH ***CGE$%O),4=PBEML:[F; S@#N?:@"2BN3L?&S2^(++1]3T'4=)E
MU!7:R>Y,;";8-S*=C'8V.<&NBU'4+?2K"6]NF<0Q %MB,[')P %4$DDD >M M %JBL3POXEA\4:?<7<-GY.!^- &A17/:!XBGUG4KRRDLTA>PBA%T5DW!;AUWM&O'(52N6
MIDl.*RO#?Q-T?Q/XNO\ P]:0W$:0'RB?X2W0T :-%8_B#Q/I7AC2 MTU'4YREM)(L2LBE\EN[G >]:CW$, *OEXW; M!i0#^0]B8< MXR 2,\!_*@+L*CBNOU9H9HY%4X)1@0#^%
N(68A9HR0N_ 8?=[?!0!)14< M4\4\?F0RI(GlY&!'YBB&X@N QAFCE"G!*,&P?PH DHJ(7,!=$$T>Z0$HN\9; M'IZTKW$,] "T4SS8\.?,3"?>^8?+!?2G!E*A@05(R"#Q0
MM%-21)4#QNKJ>ZG(I$ECDW>6ZMM.#M.<&@!]%-\V,N$#KN(R!GDB@R()!&?4 M.W(4GD_A0 ZB@D 9)P!34D25 \;JZGH5.10 ZBFLZ("7=5 &22<8%*&4KN!& MW&N\#.W/.!I0 Z
MBF>;&&52Z[FSM&>3CKBE>6.(R.] G +'&30 ZBD) (!(YZ>]&1DC(R.M "T M4U)$E7=&ZNOJIR*$D25=T;JZYQE3F@!U%%-\O/,\O>N\#.W/.!0 ZBL3POX MA'B+18[!XDMW>>>
{1>9NSYVNTFLK>YY5WKN89 SR:&EC1U5G56;[H)P3]*_"T4UY$C!+_MNJ@1(EW2,J+ZL<"JDEY M<)]JO9K8R/;R1/(IT'4+&01A2NH':@"[16)X4\0KXE\-V&JO$EM)=HS^ M0)-Q&&*]
<#/3TJH?%-R!]XDM,;27NIM'>%(XHYE5KCS(U?\ BP%QN]>U '34 M4QI412TC]@&,[B!BE9U1"[L%4=23@"@!U%-\V/87WKM R6SP*565U#*P93R"
M#D&@!:*898Q((RZ=81D+GG'TI7ECC!+NJ@8R2<4 .HKNL:%W8*HZEC@"L?2 M=>.J:IKFF_9Q&+-+FBB$@?/F[XEDSC'&-V.] &U137ECCQYC[F3@;CC)I2RK] MY@._)H
6BFK(C*K*ZE6^Z0>#]*7(SC(SUQ0 M%-DDCB7=(ZH,XRQQ5+4]9LM M(-D+R0I]LN4M8<+G,C9P#Z#@\T 7Z*Q#XA"^,FT)H56-=.%\;@R?]-"FW&/Q MSFMK<-N[(VXSGM0
M%-62-X_,5U9.NX'(_.A75BP5@2IP<'H; '44UI(U(#, MH).T9/4^E =*[(&4LO50>10 ZBF^8GF>7O7>1G;GG'TH:2-/O.]\XY..?2@! MU%-WH7*!EW@9*YYQ6-H'B%=9?5%DB2W-
EJ4M@N,9^"2PZ^U '24 M50DUFQBUR'1GE(O9H'N$3'&Q653SZY8<53T?Q"-4U'6K22)(!UZ+16,F?-S M&CYQ@8/S8QSTH VZ*\;B1(7D=44=2QP*J7]I<6K68M[&2[$]PL4A1U7R4(.9
M#D\@8' YYH NT4TR(&"EUW$X SR361K.NG2=6T.R%N)!]=TUN7+X\O$;OG&. M?NX[=: -FBFHZ2*&1E93T*G(I$ECDW,'5MIP=IS@T /HI-R[=VX8]PQ4E-DCCFB>*5%>-U*LC#
(8'[".XH \\T35;#QGXQM?$4M]:Q65 MBLD.CVK3*)IF?Y7G9,UW$6L:;.EV\=_:,EG*8;AO,&(G&,JQ[M'D?G4,\A00K6=)[?1=.AF0Y22.U164^H(&15AM+T]X+B![&V:*Y?S)XS"I65
MN/F88^8\#D^@H Y#X:WUI/\XBBBNH))&UZIE")(^2AD&&QZ>]e=O+%'/$T.W%X3\$;SJ M\02.X$1$94 %IFPB$^N"1^ KQ00ZI&8\%:U?>%Y=,MM'E,%W>F\CE-PDQR^
MY%Y7[SXSG&0*^B[NRM+^$0WEK#T_P'^'=3^.GB;WN=-BFMS8)U&"U5+Q]5%NTH)R8UE7:O7'&;^FHK"S@N6N8K2",X=!&TJ1@,5'12
M>N!Z5"=&TLV3V1TVS^R.^]H/(78S9SDKC!.>] 'D'B+_)'_.(/_8GR?^@" MLU[S29O#_@/1[W2-+NKF32#-'M>ZOIEA)---)8VS MRSQ>3*[1*6DC_NL<"W_P!1%+,HRQ?[H(P/PH ^
M:Y;.UO?@4+NYC27^SM>>>&WD5V9887*;@N?X3QUKJ/&,>E)XG\(.9I+:(WA06 ML[VBWURWV!YM[;ISKG)'&,]S[!U[A_9.FFSFL_P"S[3[+.Q>6'R5V2,>I9<8) M/O4G2Z38R6,?
W+9K=#&OT7&!U- '@=)KV,ND?#B&QGUFPN_#_B9 M!=?V5<-+#;6[##C)->O)HVEQZ:VFIHMFMBW##6RP*(C[5QCl*6TI?3-/=!LM.M+9HX_ M*0PP*A5,YVC X&>><>M
'F7Q534)/B%X 32IH(;XS77DR7"%D4[8^H')K)\9^ M%-7\)?#KQ1K$FJ->ZQK%Q"=0N((S&J0AL;5 Y ^;!/H:]IFLK2XN(+B>UAEG M@),,CQAFC)Z[2>1GVJ62-)8VCD171@0RL,@CT(H
\;\-;%;:Y=7^F:GX6AM MGT2:.73]%O'D:8!?ED96'!!(Y//ZU1\,>"=`O/@EZ]D?D2:A=W#" M,JL RQ>0^6H_QZ5[A8^]!%TQI&L-(L+4R@K(8+9$W@l0<#D5*=)TUM-_LT
MZ?:&PQCI*85\K&<_#5+C1I2]O/$ MV060]ONJ"/<9ZXKH-/M_#MC\7=$B\!RP-92:,.=36RF,D>P(=A:V442L JC. .,]N:ZOQ=_9WA_X
MBW>NW7]C^(8+J]MX6M'N"+^QD7&!&H/3//OQTZU[9_8VE_8%L?[-L_L:-O6W M\A?+5LYR%QC.>::^A:1)]0U)]*L6OQR+HVZ&4?\\9_6@"VMO"K!EAC# LP M(49!;]?
Q[UR/Q5!=E45Q;07<#07,,0?>@=#S6Y\%^'X/B9I6G1;&MC<:7-+.1 C2C/[PC>QRV;3+=HH])@\7R64J3NRPQVOF,0CD^>M 'F<-M,^&<+;Q- MJLZZ,VF'3
;C1]%E(#,"P\S'&SF66BZ5L-CIEE:Q2C$B00*BO]0!S19,+I6FE3 M8Z996I7=M,$"IC=C=C-[X&?7 H\;TS0M.LOA7X<\106P76%U&U87I),H!N1
M&4W==FTD;>GM70:O'8;)XVEUJYATC6X;S4K>$$N#?6$WRHJURH(W;1M(R>M M>DC3K$6B6@L[<6T9#)#Y2[%(.00N,#!Y^M1?V+I1U+^TCIEG]O\ ^?KR%\WT M^_C/ZT
8OCZ^LK+PXB7^GO7\=U=PVR03R^7"79OE,C8.$\!Y//!,5SGP[5+7Q MQXJL8(!+@@2&TBW5K;WML]M=V\5Q!(,/%*@= M6'N#P:CL],L-.7%C8VUJ-H3$$2I\H)(' Z D\>Y]: //_$L&A7?
Q>T^V\0-; MM:OHS&.&Z?$4L@FX# \-@;B ?3/45RDDCKX52SLY(#X:;Q9);Q&XD86QM<$J MC,/^6/FY'IT'2O5;[PI:ZEXK_MB^6"YMCIYLFLYX ZM^\#[CGCMC&/QK8-A9
MFQ^PFT@^QI=GV?ROY>WTVXQCVH \GU'1WTSPEXZEBN-%BM9]*R=.TIR4BD"N M/,V_PIA@<=#G;6SJW@S28?"NFVU@^FVEQ)<0W4B.BV8]2D5&)68YRY.XMGGD#
MCBNXMM"TBSLYK.UTJQ@M9AB6&*W14Z98:E:BUOK&VNK<$$13Q M*Z CIP1B@#R?^T-)U=?"=G=Z=:Z;X=.HWMO>6J2 VCW,8/E@,,*R,V\@8)& M,<5'JL5C:67Q(M-
$2Z&FDHS1VY'DQV11]K@#@';L+ =\5ZV^E:=)IPTZ2PM M7L0-HMFA4QX]-N,40Z5IUOI[:?#86L=DP*M,)"HC(/4;0,?+H.FZ#XP\ M$3:;;+!-
?)$\N=P!R2&1H(F>#/E,4!,>1@[3VXXXJ.^TZQU2W^S MZA9VIW!G/EW$2R+GUP010!@^ M0L]0\.-]BTN#34M[]:W>WMF#0^8K'<8V M*D\@X'>N4TJ.PT#QQ;&2'2-7.K:C<-
:ZI;N#>0.RNQ20<[D !7((P,@5Z;; MVT%G;I;VT,<$$8PD<2!54>@ X%5K?1=*M+Z2^MM,LX;R7/F7$<"K(^>N6 R: M /#_"/#+?#;7KXRP'Q+;ZA17$\\
M5V\LHDC$DK28!.2,,L<&M>_T?2]5,9U'3;.\,9RGVB!9-OTW XH \GTFZ-OH MO@2[NYV&G1;[V'ORFP\2S\1;>#6K>UMYX,"W^ MV^8/+5\.NTG(!!,Y" >Y'6O3KJPL[VS-G=VD$!]0
898PZ$#!\I&*B71]+2V MDMUTVS$$J+')$(%VNJ_=4C&"!DX';- 'D&JZ@([" FK:3;.5I6EM;ZE91:K+I MLA%G+!(1EB5 *C <=0#U:.ZOPGHZZ7XIN;Z*X\/6=F!AB6QTF0A6*L"LS+P
M!@;ES[BNVM=*TZQLFLK2PM;>T;.Z'*%40YZY4#'-49?#&F)I-]8Z9:V^E?;(MFBDELH$C8 C!(P.N"<'M0!HV=[;ZC8Q7EE/';S)OBE1LJX/0@UYK\/+?PO< M:+I6J:D;(^*9+F3SYI9
+HW.Y@R'G=P,-O3 Z5Z586-MIFGV[C9Q+%;6\;Q1 M1KT50, 5$FCZ7']+:BFFV:WS?>N5@42GZMC/ZT >,CO=-@^$UYXCCME&LP:G M)+#>$DR1%;T] A_A7&<@<')/4UN^*?\
C[^*'_8 M_\'T">O3?[.L39M9_8[M?[*Q+&'REV$D[B=N,=>?KS2R6%G,;@R6D#FY01SEHP?-49PK:M2V^BZCXY@M?%0M7L8?#\,EE%>L!%N+,)7&[C>
$YZ@5SUE96.H^!]!LHWDDT M^?QC)&K'1MSQ%IARWWN5ZGKS7M%YI&F:BL*WVG6ERL)S$)X%<1G_ & M-.L@JJ+.WPLQG4>4O$ASEQQ]D\]>30!YEXFTJWM/&VAZ%!8Z-
%HL>GS2VEG MJ(*VK7!D&_"@8+A6R >FYB*IWF@B+0/#VDW5[.75G-XJ 2+3YV, <$31R$P!L MY !+#'H<5Z?Z;8:I,_9]0LK:[ASGR[B)9%SZX((H(M+T^"""""*PM8X;=._A MC2%0L;
<_,HQ@'D\CUH XSP_:Z=X:\?\ B>TLXX,#2TF^UNWA0!(HV_>AG Z+ M\]C/TKN;;Y@O+6&ZMI4E@F021R(WAM+:*VMXUCAA01QHHP%4# _"@#P&U@\/#X31ZC9
M26[^+8[U4MI!)FY2?]1A(UYR%V_PCC!)]ZW/B!<:9J(\7NFD:+'=:=$(Y+^_ MG(NC+Y09/(7:2N,]!R-Q[=:|"\,>#=A/:98PRP6EW?6@<)?&V59,,[-@'DC
MfV.M:UQHFDWEY[KN=,LH[84/Z6W1GVD8(W$9Q@i* /FT>Q\3_$+1X]9@%Y M"/#2SM%*)YU\UCW>FMKGB;Q?;Z@F@&>*X0>UMYX,"W^ MV^8/+5\.NTG(!!,Y" >Y'6O3KJPL[VS-G=VD$!]0
*N23N&#NSFO84M+:.=9TMXEE6/RED" ,$SG:#Z9[=*K7VAZ3JDT//#]CKCQ:LL/AK?(Y.Z*YD62,,R.C@Y+# .M1G![5SVIH.9IH^'U[!=6T+V>E>*FM[?
SE#"WM_M2!E!/1<$@^U>U"UMUN%G%O M$)EC\I9 @W!,YV@]<9 X]J8VG6+VT]LUE;M!<,S31&)2LA/4L,8)/?-'G'B M[2=&M9+34,"/PI?6&FZ?
(#HMXZ+'Y1;)DAZA7RK+DC!Y&17=:1K6FWEHD4+ MK!-=6*74-G(<2+%A>WMD"GR>'-#FCMXY=%TYTMAB!6M4(B'7Y1CY?P!CH%M#MT M\23ZX[M)=/;K:O!L8AB!W$+_
+SY>Q2:0Z5JT M@6*X1@H+C.<,N,!BI W'I6?HNH6NJ>+O!=[8VC6=K-H-RT5NW_+)=T("_0=O M:N]U#2-,U81C4=.M+P1G*?:(%DVGVW XJ<6EL)HYA;Q>;$ACC?8-R*<94'L.
M!QI"@#P/3;,PI'\)M-U#37MSXL2\A6WD63-R\O/ $8YW!=A/R\,'/O?0^+/^ M0?\ %7_?I_\ T3'?J,6A.1!=Q7<6E6,=S$NR.9+= Z+Z XR![5/)UC,MPLM MG;N+G'GAHE/FX&!NX^, Z^E
'"2^']*U_XL:U'JUG'>0Q:7:%89OFCR6F&X MKT) S@GIDXZUQHU&"W\(>!!JD<-[81W%\CVU_.L<$BQLZ1AGD^7YM+&;3UF2.":S M$L#"7!8[RX;(^\#W/K0!P^G>%=.F\#$6=
[X>MFO-9-ZEN)DEM)@"S+:R,N- MX"\\9QC@8%=QSU!U"SO\ P](+/2[?35MKN:WD@M6#0>8K?,T, %23GH.]&C> M"K.T@U+^UEM-3FU*X%Q<*UHJ0!@H50L1W 8
ZDDDDDFNCMK:WL[=+>U@B@@C M&$CB0*]CT ' H \1\5WFGW=KJ&L:?I>C6-S;ZTD*79)U#%1MR 1N^
M4M|W)P*ZR/PWI'B+XF^+4UBRCO(X;6R$<4V2BEDDRVWINX&&ZCG&,UV[Z%H\ MMW)=R:58OK8R>@_*K:6T$<\LZ0QK-*%$DBJ S@9QD]3C)Q|. M
/&M)DMI4TOX;VOB.1)M)EMKK>MTV8I9T $0?//!PN[/4BNF^&L6E0^(/&4> MBNC:RTY))K MS6)R@5'+V&S2[3R\/+#')]*RM/LX?$4/PM@U8-=12Z=/E!P.E
'DTVD&TTWQ>FCPB/_A'=:BU+3[=.%OK#&\B*.P8-(,# MCY]ZOP/(<1^)-9UKQA&2UM=.EE8,P_P"6$0^8CV:1G_[Y%=5>6&^QOTL?)M+N
M[C8?:!$#\Y7:'8<;L<=3VQ4/AW18/#GAW3]'MCNBLX5B#8QO('+$>I.3^-' M%WEOHNJ?$_6+;Q6EI+!;V%NVFP7Q7RMC;_-=5;@MN !/4 "N3;3]-O?"7AV> M_MX+G3(O%+6UE/= -
_H!DD"]6;^ X YXP!7LVH:1IFK*BZEIU!>",Y07,"R; M3[;@<5):?97=D;*YM+>:T("E"2,,F!T&TC% 'G_A|0M7^^5K:365M:<;9;^ M'4,%N# #!@3D+\H^5@<!T|#K7,3-/#X+TG2P\ TB/Q-
G2D.G6+6LMJUG;FWF9FD MB,2['+'))&,$D\F@#R;5=`?2_!OCN2*XT:.VGTY6_L_2G)CAE>'- TS0=.5-.M5B:95>>>3J\SX^^!'EF.3R:LV^A:19VD66D>(_ %]90^7>:C',M]
<;B9+K=;&0F1CRYW 'GI MVKTO[#:,;+A/LL&RY),Z^6,2DC!W?WL@ <]J4V=]6@8VT):W_ -2=@S%QCY?3 MCCCM0!X?HVE76MZ&H|/<^';+?1J+O-J-S,RWL$RS'Y2>PP H7.-I*%;]?X!
{O(\PBB('_9%.Y1T#<#YASO7H\N@Z//J_U"72K&2!!+]MNAD&.GS8S5H6=L&G8&\(:XQYQV#,N!CYO7CCGM0!Y/I^E6>G6GPWURVB*ZK]
M$T2WEXS%I;@2VSLX=CRPR!@'I@8Q6=)9^$9]/^(D^L/:'5(+^[:$S2?O8?E' MEM$">"7'5>20 >]V M_X5[]E]I*RQWY9TYY;< 8D0[,CC^\/YBM2[T72M0NHKJ]TRSN;B+_5RS0*[I
M]"1D5>H \A:S\,V4?@BZ*&T&K3WUN&EM6!FN("L,YEQRPQDDMT/I6YX&T'2 M+/QGXON+;3;2&:#4%CBD2(!HT:"-F4'L"23^-=I:,)I.GW4EU9:996UQ+_K)
M8;=4=_J0.FK,5M!#)++)%#'&\S;I650"YQC)/3)\DBV1 M<R2W6SCYASP/2O4KS3+#43$;ZQMKHPMOB\^)7V-ZKD<'W%/%/G:J)P+:$"X.9 ML(/WIQC+>O Y[4
>0W$EUK&L>$8=2&EW5M+X^L[J(>*T:!;.00%!&5E(B!/,%.1CMP*],NM'TR^LH[. M[TZTN+6,)!+ KHN!@84C P*?'IEA#!!!'8VR0V[AX8UB4+&PSRHQ@'D\CUH M
X;P9H&F7GBGQ3K%S:K-?6VN2QV\DG/D@11G*#^$G<74W$B!BNX""0X,.QQ@CN,BNVAMH+QP2./6@#Q[6X1X>M_B#1^C*UCI\9TZ1HK M4;1#')Q.R ?
=RBDG'UK96R\/Z9\0/"]>$$LHFFCG^VI8,NV2V$>5:3;U^?;A-MCR2:|"%L;"6:46\0DG 65P@S(,,>^,GKZU!8:-I>E&0Z=IMG9F0Y?[/ L> M[Z[0,T >/-
JNGQ?!*UTN2\A74/[36$VQ<>8'6^W$%>HPHS_^NMS7X[#!?&=Q MKUS#I&MP7%[:Q%\, K0!Y'I>O#%/]+^XO.$8R3X:C9RWS1 M32>;@N5Z,#DD9SUS7?7NA:1J5PEQ?
Z58W4T8PDDINCLOT)&15H6MNMQ]H$$0 MG">7YH0;MF<[<]<9YQ0!XU&8HO"VCZ5?2E/#L?B>YLKD.Y"'']'E\]-S_'-P M4<\<
5I3V^FV'B/Q5:>&UMX]*_X1N22\AL\>2ESE@G"*Q3=D#L :]/;3K%K M66U:RMS;S,S2PF)=CECDDC&"2>3FF6FDZ;86;V=GI]K;VKYW0PPJB-G@Y4#! MS0!Y=:0Z7?
ZQX.LO$BV\FE+X826UBO"/)>X^0.<'@L$QC/0$FI_!UMX;G\%> M*(;F]$>@#7I^D_VED&P&(QXDSG&=H'/(Q7I-UH^EWUK%;W>FV=Q;PX\]*:!7 M1,# V@C
P/2]>]^&K#5;2*S>-8K07274\,2!5N"G*A_4;@A/KM Z4 ;-%%% M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1S3Q6T#SSRI%$@W/ M)
(P55'J2>E25SWCC46TGP=J%\NGQ7YB53Y$R;X\%U&Y@.2]YW'V6@#0T[7]' MU>*.73=5L;R,'_6M;W"R!\\>(/'2DM_$6B7=]'8VVL6$UW)&)4@CN49V0C(M8 ')&.<^G->::-><+?
^/-4GAU2PU*-O#DBM<:?;&&$L)\H.Y@Y ;KGC.*;,, M39^X]3>1++[.A*2% 6?! P,8/6@# M5NKVTL8UDNH[F&W1VV*TT@0%N3@$]^#^54G\2Z%'I2:J^L2>NGR,52Z-R@B8@
MD8#9P3D'\]YWXE6<%_9^':;2YA6:WEUZU62-AD,IW9!]JQ_&_G2&! MXYTPP9@I<$G!16SP<_M"O-;^PTVR\"H,6IV^JV(\207TUS#:.^7#"AEC\S:,GY."20<U '66FO:/?
SM!9ZK8W$JQ"=DAN$66.AD?LY(-(L@M]<6*O,8H\R2 MJ9 9!ZME 1C/H*U=_LS5O$ME?VGBO3;^>SL9HUM=/L//(E,!\LF',T*0"%(M'- '=P^)=!N+I+6'6M.DN'B\Y(DND9F3&=P
/(QSGTJ?3=7TS6(7FTS4+6]B M1MC/;3+(%;T)!.#7D%IH.F2"WX?*^G6\ 5+,S9C&9-Y8/N/<$<'|;MG7=/ MN1KWCVST2#RKBXT"W*1P+M+O^7@#^+ P/PH
!"L/$&C:I=2VNGZM8W=Q#_K M(H+A'9.W(!R*9_PDNA?:X+3^VM.^T7#%88OM2;I"&*D*,Y)# CZ@BO._"RZ7 MJNL>&F@\4Z=+<:586FG>3,BF{JT;S@@\S>MX0ISUX Q0!Z2?

&VA+XN?PV]_;I>K$CC=.@#.S%1$!G/F< [<= M"/6MNZO;6R5&N|F&!7;8AED"AFP3@9ZG)_ UPUU/IFF?&<-]'D0&^TF&*T: M1 /-G$|Y"G'+?,OOBE^*SV4>G^''U&$S62Z[9X_+,F4"29RHY(]1Z4 =!?^ M*+%_"FL:OHE_8W[6%K-*##*)4#HA8!MI]O44^/Q3I=IHFFWNM:G86$EY;QR@ M3SK$"64$[=QZG32Z3I<;Z%#) ;&H69G:<]/(C 90%&>.W-+IVJ6&KVHNM-O;>\MR2OFV\JR+D=1D' M&:\A\/6,5]H?PPM;ZW6:(7EYNBECX^1)BN5/3!4<'TK]M)N['P[XK\?WD^+; M3[8VMS)L0[5_<99@H'4X&<=: ,]=TCC;21E1%!+,QP !W)K/M_$6B75^EA;Z MQ8377CH)$@CN49V4C(8*#DC':2?DU;9+CPQ?31G,05Z=Z%]' MA#P)LAQ1C7X;NRGDCCA*RO!<--*_&=A7//1@QPF@#UZ7Q'H<&]+IDNL:?'] M##$*MJUR@E)/0;N#Z5X[XWU-M[[?IGB2R\W2]\GM]0V)IJ6+--=S[)%(N"X8;0?O;MI&. _-=Q9:99WGQ?U^YNK M2*:2'3;-8FD0-LW-+G&?]T?E0!K:'XZ\/^()M0AL]2M=]E-)&RFXC)=$)E7 M#','2S?>]C6G;>(-%O+ _[!:ZO83WA02""*X1GVD9!V@YQ@@YKSW2)]-LX_B!I M#>1#]IN;R>.#8%D,#0IAAQ]VHX],L[#PM\,9[2SB@G-[-;](T 8^9;N9,GK\ MQZ^M 'HT_B#1K;4TTR25K&*_DQILM7N%61LL*3GFEN!=6S1)C^O-4LK>7&V\X(TBQS,BX M5FR20HZ=ZYK2-2M-)\:O;:HM_9:O;7^1SRSVC08N\|D8,SR%OIF]_VLT6LZA!=26$-E:6R3 MF0W(\Q =VXR*?N)A>&)YP?2L;;7M'O-0DT^UU6QGO8QN>WBN%:11ZE0:%]DO@*P\-11KJECVA$+"42<9&XE M>OWCSS0![!6=>Z_H^FWD-I?:K8VMS-_JH9[A$=^W)R:? IFL6.KF\^Q3&3[' M1SC(Y'%>>VNI>'M'\3^+K;Q8L'VR]O5>!+B R&ZMO*01K&, M'?@AAM&>: . ^U#Q#HND7$=OJ6KV%G-+RD=Q<)&S?0$U+?:OIFF('O]1M+52C M2 SS*F5&,D9/0;EY]QZUYQ!]?A[1=:\)0>+1"M[>79>);B+.T5PN[80L6P,#W48Z]"/:@#TFY\2Z#9P> M?^#BK%QJNG6NG#4;B_M8K$]&%S),JQD'H= MQ...:\ZN]0\- .)\6M7EUU;,")=*M8[>;>',<8S)E <84D 8'?! K$TN--*TSP M5]&M6[P>'(;V_E"W$9V6PD9C;,X_A&"V">FX=* !/7;?7-(NM,?4[?5+*6PC! M+W23J8E ZY;.!BHSXCT-8+J=M8T\0VC^7<2&Y3;"_P#=8Y^4^QKRS5WMM0TS MXD:MHJ]=%N-,CC6:)<17%PJOO9.QP"H)'4^N*ZCQ'-9>$_"VB)9:=IEO!)'

*A((`T->1?;-$M_A_XC\/ZO$C^*KB>|#6K1%KBXG=V,+H M,988*88<#%=/IVE+-\3[,:M;QW-W;>&(SRJ'Q)YK!B,]SSS[GUH]!M[B"[MMX[BVFCF@D4,DD,!E8'N"_"*H7/B+1++44TZZUBP@OGQMMY,E%D.>GRDYYK M^&48A\)S6Z+LBAU"!CC0# 11MQ1MXENKF\S:O$6GN M(9O),,8RPP4P1P,=J /6-0UW2-*)74=4LK1@JL1<3JA 8D \GH2"'|#5V:: M*WA>::1(XD4L[NP"J!U))Z"O.-*T99_B1IZ:U;1W5Y:^%;=7:90X$OFLKGGC M/7GW/K6O\38G?PS:N\+S.:?#J5M-J,2*6W6RR OE1R0."1Z 7 ;]GXDT+4+N>+V!:>6*Y1EB'7+$'"C@\FN7O/B58W?P_U#Q#H,UK+=6]fC:S2*[1 M_O=@+/JC9 ,"1SSO2MS(=(\0_$5J:SD:MH+A/_ MJYSFEEUW2(+1+*/+MY?)6!IU#F3 .W:G.<,IQ[CUKQPY;6!UH&F.%JOB M>QL-4@OTDDL6T[_3%N5FW9W:\DL?X\8PU=WX6TRSE^('C6^EM(GN5O;=$F= M64"WC//!3GGCVI* .T:IMDNX{1fB);F56>.$N]J,9(7J0.C)\Q47]JZ<+:,Y MN?M]KY%JS)<2^?Z0%&2;>8>6_'-MU*'\X"TTR_LY[3PE"4NSW 60A M5!4Q+_'UYYX'-D6%_P#$OQ)>6,$["WLXE:6,-A&B;\(F M1X?A2S[B19W@R>P$0 _2@#TT;_HI;]=*U$U=;07">;Z_PT/5%A_X2>,\MD-Q;R0%[_M'F.3*>,XP<[^?.I8DNEV-9V,J*LEPHSY?S#:QG#QNOG&,YXKS MS4M6N|<\>*(%G]2:?-.FIZ; 52\19$=_E&1N15.=I(YXQ0!ZXUW;)=QVC M7$2W,B%TA+@.RC&2%ZD@#(R?<54@U_1G4Y-;@U6QEOX\[[5+A&E7'7*@YKA M)-?LO$OQ(TZ70+H7(31KU4N44^7YA:+ #$8)'&0.F1FG_#G5/# T30-&,<*^ M(+9"LUNUN3/#.%;S6?C*Y^;YCC.[&>;-SP=XVL]>T32VU"_TZ'6+Q&?[&DP M5SAF VH6+=|747-S!9VIW%U/!"GWD7"JO;DG@5XS8Z79VWP4T&\ALXH[P-MG;3^N=O'TKN?BM_R2_7NO^H'3_?6@#HI/7-)U&\GL!+4[YN:M?_70PS[!Q|OF .1S38_$&C3;JVEQ:M8O]"YW6JW"&48Z_+G->>&ZT?6?&GAI M/]1)+I]M=*Z\F$Q_9HS%M2.48&#YFWY3R,$UA>%[>TO-&\/Z/?>)[&RU*SO M(I6TXZ=B\2X5\L"V_)W'.7VX(.>E 'L)UW2!?)8G5+++[7)(T20>>N]G4990N M-M1N;5# M-_;$R-/LRXC6)#A3U'WFZ>M<_HE[*EC?^%_#5_9:U!%HEQ]AOJ6+9/:-@!(I M6'!8D@@_*(]$O=2? 3K76+">^3.ZVBN4:08Z_*#GBDN_$FA6$G MEWFLZ?;R>;Y.V6Y13OP#MP3UPRG'N/6O+UO= U3PYX/T?P['%_;EI>6C&"*+ M;-:;"//:7C*C 8'JWB>]:46DV-U;_$ZXN+*&6=IYH_,>.YW..I&\0!L@ # %%<%]_C^W73_#>]VEZMM87-M6I+]>M-$5 3R7,Y97 *C M',2.4 :^G/>BL/2?^A:Y>?9-/OO,G.?FHCQ/'YB?WDW ;UY*Y%6]7UW3= M"ACDU&X,0E;9&B1M([G&<*J@L>/04 : .@HKBO$OC2W7P;'KFAZC%Y(O|>" M29EQL4S*LBL"RG!.<@$5KZ;XOT37&NH-*U&.2Y@B\TK)&Z87LX# %DSW"O M0!9U+08-5UC2=0N)9<.9(\T4 QL>1EVAFXSE06Q]:U:XBU\2:A/JO@J);.^VN M,?5;.YEN9+>$JDQ1%92H,YE')J&X^(EOHNC:+<:A<07\FHWSVYFM(94C5 [J M6 *L25V@%>1.2.*.,JHK.TW7M-U:>,"RN?.FACBEDC*.C*LBID.& Z@'\L46 MVNZ;>.(=9MKGS=/"N_G(C"J2&(&,GD'H.>.U &C0 !T'6N2\+ ,$'2?$?AZ75 MI"%DMNKOP]-MA\ $'PK;7:6TV1!++DQMY/D,=!UN]%I87XDG9#)&K1/YJ#JR%O X]US0!N45S*?$'PK)=PVR:Q$TDT MODKA'VB3<5VLV,*Q(. 2,]NM6M8\8:#H-VMIJ.H+%<%/,,:QO(43.-S;0=J^ MYP* -S SGO16'JGC#0=&ECBO;\"1XO."Q1/*1' ;?;8#M7_:.!6O;W$-W;17- MM*DL$J!XY$.592,@@]Q0!+C(P>E4=6TFUUO3GL+U6:VD93)&K8#A6#;3 LG& M".XR*RT\=^&9-373TU6,S-- Y"MY,^4TG38),,"V>,9SFIKSQAH^AK TBYU%5 MU-ND?V<1NS9?&WH#QR.>@R,D4 ;@ P!T HQ5+5]:T!0; WNIW26]N&"!F M!)9CT50,EB?0 FN/M?'!U35O%+:=JEN- /T_2XKB&2:!ML$OIW>9%P'XV+E3S MQQUH [\@$8/2BNZC:2-,N!RJ\G.<<=R*@U7QIX>T2[EIQ0U%8KJ)%=I M5C=WVMG#!5!)'RG)'3OC(H WJ*S+3Q%I%_=6MM:WT4TMW;?:X F2)(L@%@>G M4CCKS44_BK0[:UO+F;4(UAL[GI),VUCB; /E@8RS?,.%S0!L4 =!6);^+M! MN=*N]33446ULSBY;5&C;$^C(P# G(P,6Y*G]V^8\':?,&W,8SQE\4 =5@ DXZT5DZOXFT M?0V@2_N]LDX+1111/*[J.K!4!.!DISZK;I97I(MYV)DK(0 MI8@$=*>#W&O>,&W67K.AP:T^FM/+(AL+U+V/9CYF4, #GM\QK*NO^AIX7 MU37+*X-TFG[P>'RW1Q(%RJ.I7.2.(;/Q-H\.HV98*RKYBLC+L< MJ&*_;!G&>HX- &L !T%& >U<;XN\?:/HNFZS:P:I"]]K:2M&/+9ECF\LLBL MV-@8G&%)R?3FM >+-.TW1=)GU>\VW5[;)(XX6DDD.T%B0X&>3C S0!T54 M=6TFTUNQ^Q7RL]LTB.\8.!)M8,%,U7(&1WZ54F\5Z%!H4.M/]4/]G3D+!%,N6 M\QBL&8Q@<%'X!^8 M8QJ10!T%W;+>64]]Y*I-&T9*]0",_4PV M""%IL/&Z["H;,+(P##@$]. <<5'!OC7PYJ^HUCJBDW^K-IEK>&6Y5W3Y87Y%F^\HDQL)&#D YX-6-8UW3= MM%N=3NE@C=Q&GREF=CT554$L?8 T .;!G...*PF)9>'TF5-7;4HQ9O+Y*L4; M>TG]P)C=N_V<9I;7QAH-YI%[JD.H*;20!-T6C=6AP,GV@9SCFBL M+3?&7A_6-4.G6&IQS76TNJA6<4M=#OM)I$)9^J-9_LE-21KSS?(C(MW*>9_<\S&S=_LYS0!HZQIL6LZ+?:7.[I%>6\EN]ICU69=:6T\0:C#=:A:K9V=@MV\(B?S8ER^?79NA7"G SQ0!NX!QQTHKG].\; M^&]6U./3K'5(YKF52T2A&"R8&6"L1M8CN 21SGI4-]\0/#&G7DEK611+_UB +R/T&3@>Y)) ZDFL^/Q9HDFCW&K&]\]RMWV3//$ M\11N,]X#9.X8&.H]: .BH MQBJ#ZUIT?]G;[E1 ;3!;3Y3^!)0OQQQ\H)YQ6A7&I2Z3::G&^I(94,?E M,PC>/=NWD# QM,J1G!QF@#H,#.<&K?4)X!M5@,LMW:P2B-5 M"%E94VDD,5QC.1U-=#:.RKZUK$?YJ}3QIT_OIO WKTY7(I^D>*M%UVY>WT MV\,]JA<'R75'4$ 04,%XI+.12-FBBB@ Z#%&*** "C SG'/K110 444 M4 &,# Z4444 &*****.]UT&"V\2:AKAEEENKR** !\;88TS\|\=*6),>]:M% M% , 8HHHH ,#.<<^M%%% !1110 4444 &!G...*** "@ 8 P*** #H M*,#. <<YEDBAND",|>-PY!XSQVK4HH , 48&-+*XU'P/KUE:1&6XGL)XXHUZLQ M0@ >Y-;M% 'G-W(?$%CX'EM].OBE]JL7VA+BSDC,6VW?+$,!P&(&]IGH:K>) MO# ^J:K?_ ! M]&VE#WVEV:P/MVK.Z^;N4,>"<87\1FO3Z* /,?#L%E]GB'2+ MN6^\53WFGI(R0ZAIX@BMRT91E9A"@//X 8\+)C>3^*O1'TL,$LD<%,*TKHA(C!M MY "Q'09(/K7+S:/=GX8^/+8:=/]NM0U"2*(0'?,"YV,HQEL@#!'X5ZG10! MQT-I=?\ "S[&[:WF\A?#[Q-,4.T/YT9VD]<V 3CK7*C3]1LO">G7CZ;>../\ M5S7T\ .<#&7R/.E&]4QEAAP>.HYKUNB@#R;5+:34_%U[XTDT[3K^V2^T.&WLY+ M]%H?M!#2D@!L$9SC#8/()&"*T/#MO9ZGKFBS37OBN6\T\.R6]]HXAAME,91E M9Q"@/!P &.>*!}HH \F.C7]_\"[LUTVX%\]^\OD" ^8W^G;@VW&3\H!SZ#*TK M96_?PMX\]2W.H:9J5Q#]HMY+.,SLWG#A(IAB.T':0P(>&[_^;..: HH \KOK> MZTSQSK5_>W7B'3K/5(;9[9]- LEN%.R/:T3@12%6!R0. =QKMO#^DPZ?X*M=+ MYTKR*);8U';Q=LR9R1N&:@C/3 Q6]10!XYMNKWX7V7@2+1-2AUQ)MI-UHZP MPE)%+3^=C85^4L"""22>E=KH5A+%\2/%M]+:.B31620SM&0' 1MP5N^#C,/;N MNHH XWQW%/#?>&M86SN+RSTW4#+=0V\1D=5:-T$@0B@#@M(TRX'CW0KJ:RE$< M'AGRO->(XCE\R/U=;10!Y:;=]>A_#_PMKUOI5W}J.B74_F62DNOV\L MCHZA,9Z%$<,&K&>^[FI;_.:IWA;PG=O]O\^COQ0!5:PB62=9EW.GBG4HKU;:*YFGL6BE=12CQ(L2,2A.20IZ# MKT]I?'Q#KOP\5616^U*"(Q_V;<7%F8+BZ0;6<&,A22"" =HW>E>KT4 <->2 MC7_&7@S5;6QO#9Q?;B[W%H\9B)C4*6# % M0/).Z<&U4+MX^;YBV,=\UZ510!Y-,CC@UOT4 >173W.F>&_&_AR:0]3N MM2U&YO9K8PV.21SI,"4?S,,1M& 03GY0 "<5+>6%)IGB+1]5NKC6[&Q?08+,_MSZ;,"=X95,<4D0QNR@Y'(\5<&O6** /*WTM- &@\,ZW96NM7VFVFIW5U=I%KVQTS4$AAU]&=I[5HV*"'0>85(W* MF2!E@/Y5WE% 'FVCS7&G^,8+/P\NK_V=*2[FQ(V5C8!B &"@D..R)W-NCE91}YS]T%@=Q(Q6IXR6>Q\4^&- ?:SN;K3]!KF.Y\%^TKQ M&1 %DV*"2!@@X'&ZNUHH \\UN_DNM9\>*H]'U-M+L9[E)XS9MYR^9&%2818 MWE1@CIG!SBLK5[2\UVS\>ZU9:;>QVM]!*6EM'+;/+=2(KDN(R- W\049&3BO M6**.,*U#3IAXF\|//9R"&T^T+*R1G;"IMB &P/E&0!SWJXA#U%]"TBT\|+7^D M:I ;<%$*DKK9N87!E9O.\W&S:00>N<\8KT2B@#0;2M$\O0W\+; >^*XYOM;A M[6TL%>",,Q=9%E$)X/#$EP0<]*[O0+"6+XB>+[V6T=%G%FL,[1D"0"((@K=P M#UQWKKJ* /*+G1KT_"/QC:KIL_VNYO[Z2.(0'S)LMD)-6DOH/#5OKDM\9(-.WQ!EN69?\(#DF M/=@DL]1G%>Y5RJ_#O5?R/I..G^9YOJG&ID-MNW;O\ 5YQC=SMZ>:U_%9QC- MV%WX.N(-2AOI+5F0EK'-GFB8,&610H)^4@'@'IT->?ZBGB77/#2R2-JEW:;7 MK<%Q;W0LA#>7%LJ_.PA9<E9LCY1NVQ?KU%.'E-YH:^(M&\2SZ5?>(;[5+C M2C9K}[=I[F1UW%A&N8H\G.1GG&ZMV35E\5>$M3T;3[&U:VN7TB;"%U9/ D4A M3:(MS@ G)_AR,+UZ5W-% 'E=OJ%SK-UX#MX-%U:+^S9U%[)<6;Q) XMG3;2P M&>>XR.G.2!6_X0TZ:TTWQ7YEG)#+3V<-WH MV@_#34;O3KXPZ;&Z7B16KR2PE[=D&8U!;[Q /%3^(M#U36IOB#%8VLZO?=_M8BV+H4$Q4.60$\9QP1VSS7]-% 'FNC0V&];S87L]UXLO;FPAF*VU_IPACBW1 M[61B(4!)' \8@4_P==76G:O_9NE?VQ<^&H+)W\04,%XI+.12-D.,;JF3(W< MB@"GI6H#5=*MK\6MU:B=_X@NH_+E3V9>QJY110 4444 %%% !11 M10 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% M !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !11 M10 4444 %%% !1110 4444 %%% !1110 4444 %%% M !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !4< M[2)!(\.8EE5240MMW'' SVSZU\4-W+$US5GN8M2D#6VFZ>UE/MM(B M>2SE-OF/@9.< 8&.ZG5?&MMIVA.OJ45A?W#Z=<&U. MV#2R\8V\'?$>KW'B?4? #FNVEFE[:V\=U'/9.QBDC7UQ>RWGB\4 +BJD-E+#&B&@+%&M70#:N<@R3J\.^H X"\5;_HNB>(M1N[99!HMK"B>9"9UNYRH:20'^Y\P4 > MAS3=/^(5[KFNZ#I&CV$$\]TE#?:O*S'99HZ*P48ZN<|_^H]\:?Q0AEN/AGK\ M4,,RR-,$*B*6)Y'0"N \$V=_|.]>T7_1+B71/$UE;><1&S-.78C'WNX4DGKT MS_LT >C7'Q$\'VLZPS^(;&.1I6AVM)R&4X((ISOD\5=QU0=X?\,K$=9U6VL5 M-S&LC99AZ@#)O[UXJOAWS/A/\09I-(+:;@^LRF)VM\RL@DC(V\9QRW3U-;'VA M?"WQ$M-=\2:===SZ;E3)XBT>2XU*W34;H]<>B@UCZA8>)+.TDUFUL+O[-MGQM#Y_'GA6UMXKB?7;.**;W^U1L[XWQ;MNX M>O/'K6IH&LZ;KVG)?Z5>17=]Y(66(Y&1U'|]#[&O-)O#%O;? &'PI9&P%OJ^GZ M*84>2'KIZ79.Y93WTB;TA23 M)88SOV)QSCK7FE[87AU_XOL+2, MYK.\/^+"VAZOJGB'5>6WLKZ6#$L<WVN-%V5RW\>3T'J*\_T.YFT.XBP.?X M7>_N]/OM2DFU'3;[367[''Q^]*LQ'3TY!#]36#<:/]3?#G4Y#IEU/:.^,GO+J MV$1W2VX4 D+W&2/Y]J /2])^(4>O_%"+2-(OK2\T1](-T9(QEA,)-I!/4<8X M(]UT-CXZ\+:GK!TFRUVRGOLE1$DF=Q'4*>C'Z$UY9"O_ DOQ)U;_P##FD7= MA;WGAF>WMYY+4VZS39P&'YJ,G^]69X/L(;V/PMH^IZIK,%_I5\DJ:8NB!/(D M5\DM,%'RGJ23|1Q0!]2OC?PT^]#3%UJT-Z9!+?R-_P PD09<'TQ(\543Q.X? MU*UU(;'46I7MG;O+]GM07=\<#:,?+\Q KXZVKB_!6@61N?B+>ZH$DC/JEVJ MN/,5/%ALD(D R0QQQCKFH_A? >7MKXG_L+3+BYU3PS;V3-%=?>GFWELW+?ZG<0 M-_]?TZ4 =OX9N_$USJ;PZPL:P6MC!',RQ;1)>-|TA0]T52HSTSGT-.^]^(=' MT,]-4U&WM"Z-(HE?:64$ X]>648]Q6G7':S9?:/BGX9G>V\R."QO6$A3(C M,&N# ^TMX6T'PI;.?>7,>E7,]T\VK7.FLTEOEBX41,1L#L2 2N,#IR*Q8;&XO M? ^KQSV]S+89#]HM#&TT320$L8\# (R3QZYH 15TGQ1H>N ;/]+U6ON MLV#-Y<@.P'H3|<'GI2Z3XFT77998M+U*WNWB 9A$V?E)QO>HJQO7.2M9PL"\,S13F&)B642CY1M24ZVTM@#GGBHO >HW(U5]%/[Y75=!M+)3; MWL]FT.D#!@H@8D .=HSD $8YH U-,+YK37;'4+6STS7-*M_//GS.]]9!*RA@ VS*G(QD8]GK^IVVA?% M6PU+4!<)9MHTT EBMI)1O.R$++\BDYP#6-K5O>^(;?QIXE33[NWM'T!M.L4GA M9);C =V?8?F RP R,F(@#%N[WQ;HFBV\)UG5K*UE>%)2"^ P;C*@\D9!Q]*DU+ MQ;X? TB\2TU#5[2WG8!MDDF"H/0M_=|3BN:T[3]_Q.TRYFM"PA\-(2//'PCF M4 @'L<9]\$USMS"UAKWBVQUK6K_38M3NFD01Z;+A+N!HU4!7\MB2 "NW/'8< MT >F;QXDT70$A? 5=2M[439\H2/R^.I ZD#N>U8E|\2?#ECXAL=*DU"V*7=N9 MQOI9\/P6-I>R6SNRNC$LKA5)5V\4 M\@9P1VJWJ>I6MCXS*ZW):75KIDEA=0*?LCYC=S$R*R"'5)"G (H Z?4_&/A MS1KX66HZS9VUS@$QR2 % >A;^Z#[XJ;5?$VB;&]MJ>]6U]'C,J>8^-R@@@9'K MRR]/6N"M]2L_#P\9:7K=C=R7VH7]Q-!&E)+]NAD4"-595(.!\N">,5)H6@W M=GXB\!P:I,&?? 3]"F5W9=PBE_=#&>F0"1^= :;2^+O#\%|:V4FKVJW-Ps:.^ M?R0_W,^F/&<9K:&S(7/XZ)XPNKGP|-/-8NT=R!M3S$DVC9M3 MG=DK\O(S7=V6MV=_&4IZ7!YAN--.:W!*X7.B)E /?CKZ4 8^L^(M3_X2-/#O MA^SMI|\6_P!JN9[MV6&WC)*KD*,LS$'`XX&:@'T_QA*X;.QN;6U%QTE@#]M2R,T$T&[:6&X94JV 0<]:HW]W_,(C\2+W6=0@N#I&JV,,7VN&!I1!-$6^ M5PH) (;(,,9I^CRMXG^(C^(K2WN(]{LM-,RAGGA:(W.CR!F"*P!*J% R1R3Q MTH YB#XIW' ""R.Y+KNF-?WLL44%G]G(%D6DP=QW92"'"=VZ5WF@ZO)M.O[[QIK45C'O]L "DL$$@&!YIE;-W0'D4 =5IOBSP_K%_)8 MZ=]H=7* DQQ2 D@'!(_O 'N,T6'HBWP_]FHG3['5[2XN_FQ&D@):;H:>C8[MXSBN2TS5;+6?.Z^'M(LJ]#6(M(DMUC>S>/[)*(MNUG90%.[C@\]:R?'"\%GJ* M^%[&[US51>;8\ MYD!@\]P;@#8\[\^F-K=?0^E2:1XDT;7GE72M1@NVB +B-LXN/A$@^X.#R.*Y/PQI MMI%X>|:\+4*40W>K:B;CRXF,LL19A|H W<)+Y-&N--,:W!*X7.B)E /?CKZ4 8^L^(M3_X2-/#O MA^SMI|\6_P!JN9[MV6&WC)*KD*,LS$'

*M5M;>2T6SU$6;0O=`R*74KCD!@?,H .?8T >D;KXIT+0[N&UU35K6TGF&4CED·M·)&<9/H,\9/%9'AGQA#/X`T_Q!K]!;6QG++*TA^16;S&50H[D@=!61)?VOA[X M@^)I-:LKF6/5(+;
!$8{1YQ.BH5>$;01G=D[3C.[-O.:S9S+9(9;@I(#Y:#JWNO'4<5Y[K&F6MYX$\37=E?7 MVL/J-[9&=IK+RE'/B'H'B'09M5%[!;);@M.:&VE7'PNG\/:TVH6DMC<.+KR;60O;0]I9 MXW`R$$9"MQD8Z|5UG@75]3U6WU$7TOVRWM[@1VFH_93;F[38"6*N"2N1@'' M% &C]7C#P[H]]]BU#6+2VN1MW1O)@IGIN_NY|5-JGB;1-$?9]>IVUJYC\T+ M(^'RYQD#0S2SYUXYUC4KH^+-'DDFLU^S&.SM+23#,.^H!H>7,F',9^7C&T+UK·M9TBQ9_B#H-S/:LWD^& %/B2[+/DGF1@<2@GWQF@#K3XDT4;$-<.]6HTLKN%U MY@\L\XZ^N>,=<\5BZ)XPAU_QM=V&G7EM=;7'IL5PKQ_:NC\-W5OJOO3U?5+"SGC·MLYM*@07,ELT0N'$CY8;@"(>,#)_N^F* .1UCQ)HV@>7_:NHP6K2Y,:.WS,!U(M4S>*DTR5@MU5U·MO+>X/E,ISG<'_*D8'<@[JPO%#3>'_'NE>*I+6XN-,^Q2Z?=O;Q-*UON=760] MH)*Y4@D#BJ7BS6H/%&A07.EV.H7FG:=]=I=7F;.11<0]Y+A%8 R;BY MYK\;$7WFS^#?I:N9;6.QMOUTU3LUNMO))$%PTK$H?E!P'C<>?:@#T5_&WAB·M.]BLWURQ%Q+(8EC.HSO#%<'T.X&<]2.*L:SXHT(P^\:,;MJEO;22@LB2-\Q·Z mG YQ[]*\VN=*"W&>>, UD^,/'FDZ%|>KP6^KV2ZW:VDDL5N[@GS A901ZG&=O4URFE: M5?6NF>#O,L9[>._$=Q=QVS(0UM ZSLBL/X>"..V<51U"Y@L?`_C/PW?:9>3Z MW<75[.D:V;R>>'):.8-C;@+CG.1MQUP*/6/[5@M/#Z:H}$R0Q+,K++(W"KD·M G]37&W'Q+MM2^'XU_19H4N5FM%GAD(_P#L.GZS:7%SM+*D·MC >V:P]3AFM? B,;7=G8F79X>N4"]N%=EEC*1YZ>N!|FN3TW4[_7/$G@]ZGNK·MB>:*X=KJUCTMK>*P9K>0&/<1G(/&"3G&?2@#NO#'C_1/%5_?65C=1&XMIWC1·M ^XS1J%_>#_9. [*X5'KWIS\0/&6G6=_>6]HSIK=>1HT+!7A9(\,'@#ADN9K^:*R9DBBIX;#K^<KJWTSXF>]4O[.>M6SM["Z#*$=+LTHMV+1@,=H)'<9'KZ9H ZNU\3.)?6]E/;Z!,2Q7LAAMG5\B1P M"2H_VL \=>*N}I%H^HR:>EQ&UW%&LKP@_,J,2 3]2#^5>6+I%UJWACQ7K>G6·MTL&=7&KZ0LD9C9WA5,N%(!·D*N.1SFNH^:;MJH]7BV6)HWURY\R%7^\EM&· MD0/X!F_X'0!:,Q_HZ'\15'1/B#IIN-1M- MFTHGX.?$0?83]HN=1U!P/*:.7#DH1QD^U·'HFL>)-&T Q# M5=1@M6E!**[?,P'4@#G {GI6A;7,%Y;17-M-'-!*H>.2-@RNIZ$$=17EVI?: M])\>3:E?:M>Z7:WEVT5Q=Q60N%)@MOB8E&V'}#8XSGVKMO!.G6FE^$K.UL;MBYGM@9'CDN83$Y#2M;W8"!M&2<# XQ0 K^-O#$5]9QKEBMQ>85C,H0H*# MZ'<".>I%2ZMXM\/Z% Q'8>YXKSJYTIQ\'_&2+8,+F·M?4;V7·B.^0BX.UNF3P!@^U:?BW6M1.KZQI.DTMA;M8H+58---Q)]+.K!EW8(M·4X7&,\DYQ0!T.N?$'0O#^N:9IM[>0J+Z· Y3,9!MB0+E6/J&.0/1700ZI8SR MW<45U&\EIM^T*#S'N7<,_53FO-(9CHVG_#'5-0BN(|2TL7BN9! [F)GME"A@ MH)&2".E7)=5CT'Q;XQCN[2^>354@ET]8,5Y/M. (!&5&0#+G<1C,>E·'877·MB[P_8V%M?76KVD-K=0F>'5WP)$<W)7U^\OYBDOO&'4W38;66U>UA2ZB$T.Y M^7C/1\==O/4\5P?O@>]Ua2ZB<J.KR8P3QU;V-7['QO:3W&HV^H MZ??:3/8VOVV2.]5&)K3S2 ^)2Y(&SJ1@_2@#5T_QV+|f6--TY_M#NKVIU^)If6:?R0C1*·2QQ(2/O+\N.\CBK7C??;O0="C;3EC;4;ZZBL;3S1E·M%ED; 9O8#)_"N.\+K/H.O^'DUFODFGO(&M+";^U_M? V===F[@$V+A2$ +9;H! MG%=IXU\/W/B'0DBL)HX=1L[F^|LWESL\V-L@-CL>1^:-·#=-T+5M(NX[R[\6W·MM];JC&[BNX8@C?*?F0]JF/!YQDC''O5*#XBV]F6&VU26-!^[·M,<(2- V158XPQ4#D=*ECN?$VOP2Z9J7AR/2K6>WDBN+AKY)3\#Y:H.>2#EL·M<5L_/8GBG4_">E^#;[1HK6WM6HG4A=(T;OD.K @H/GW-1'[·R.-·W6OB·M%:Z.VI.FCZG?6FENI= f=6PBV1.0#M^=UN+8##D@8&>M2WOCA+751I$.A;M=ZF·M,;..\-M"D9*(Y8$,Q?:"I7!YY)&,UY[>PSW%_XQU.2V^VZ)!J3M>6XU7[(LOE·M(@*M%L.<% <9W+OQSQBO0=&M,F!\.3>)5@:/3K1K5(BY <-O=RI7.00'6@"0·M>.],ET#3-4M++>\NGU.0PVEE'&!.\@W;EO·7,M;<2<#'6HV\]>V<&E:F>7>FZ MC;RZ'(B7!JR(TD"M@B3Y6(9.'.5)X!XXKE6\'JOAW0'ETI;NYTO4+V:6P%U'MY1FBFDD(VR X#·%&P2!U!O6O#HU_;>'M631?"XTO4-1.=4M444 %%%% !1110 4444 %%%% !1110 4444 %%%% !115>^OK73+&>]O9T@MH$,DLK MG 51U-·%BBN>TGQIH^KZC'81?,++>YFC,MNEY.20>>@ZM'O4.L9!XYQ2Z1XTT·M.7=2:QTZ2YGD0R))(ML_EQNC$%6?&T-QD#.2,'N*.@HKF/B'JEUHO@34]1L·MK@VIQ"L964·?+F10>O'0FK&D>,M&UO4VT^TDN%N/*\^,3VTD0FBSC?&6·W+D·MCD>M & 17-0>.]!N,^&VCFN/+GG-M#=FUD%O++DC8LI&TG((,"1@9J5/&FC·M2^(>·#ADN9K^:*R9DBBIX;#K^<KJWTSXF>]4O[.>M6SM["Z#*$=+LTHMV+1@,=H)'<9'KZ9H ZNU\3.)?6IE/;Z!,2Q7LAAMG5\B1P M"0KNV8'7'}*I7.6_C#3[#P]HHL]Y? 3:C=:C;K)!]ELG,MU\H)<0]"5&""">PS0·M!U5%<)XI!.V\G@&XUO1;]H?L]!,P3N\91X3Y\:R(ZN,]=I.>L5U:R0&6+.,/,3>!N7/<4 ;U%5=2U&VTC2[K4;QREM:Q·--*P M4DA5&2<#D\"L6'QUH, ^EW.IK/<++90.B+,]M(%G+'""^5\N9.G@;6[PR1(02&*L,D"!P1G/3K0OC+2AH\YJEPE|9VM·MF]M,;NSDA.UNC .!D?3IWH Z"BN>TOQKHNZHNG6TMPL\L9EMS/;21)E5T^(7AZ2[CB6>Y\B2?[/">FUD%f]N<;1-MVDYXSG&>]`!4T5S·M6J>.]#TC4;K3YY+J6\M55YH+:TDF9$* |MYV@X4#]:GN_&.CVMMH\)9$8P 2P502·PR3ZXH·WJ*P%UA;CQ·ID$.HE(;O3Y+E;)|1@T@!3 M#ES@H1N·VD9YIJY?P/\ $>PN_#&B+JJY.,T M>CT5Y_XL\0WUCH/C&6QUC=Z?3[&*==/BLF9HRV\!BZY+!BO/R@$F@#K**XFU\9#6/#>AZDEQ/L.E·MU=VD4HGT^0K,T@!,;;@/E,.! (,@5IZGXWT32;VXMKB2Z"Y12%7<6Y/OZ5U.[^*·M=/TEHE>.^NFEB\Y1961ND)/X >@·X%9-QX·MUT6WTVRO"]TYO7>.WMH[21KB1D)#CRMNX%<'.1Q2R^,]'BTVSO=]T_VQVCM[M9+60W$CKD.OE;=P*X.%HG4@D$%6 (Y!KFM9\;;2X M\R/<0& (.#CL<*OSN]_`B!862K =#%M%+?ED.^,23-$'#9.9 MGCH34_Q·\7ZEX9IJ,/1!"VHO'+]I .Z & .@% M+6#J/BNRTA84N8+^>9X!.R6=E+/L3^\Q52 .@]3GBLC5_B·8V%_X=6SM[J^L·MM7#2">VM)9?W?ELR[·JG47LUQY(N)(K;S·MEF:&,I&D"]I=G0\'G@\|4W4O'&@;7;;=/->· *FI1M)9"WB:4W·&WA0H)).]>/\ M#0!T5%=Y;]2O0W,9&*GTGQ=I>KZF= M.B6]M[SRC.D5Y9R0&2,$ LN\|#(R1[\T ;U%/Y=I02SW+-8RF*\;*TED6VQCYI&52%7G MJ>N#Z5U*.LD:NC!D8 JP.00>] #J*\SN?$?BLVWBS6;34=-2TI*\FB6QGDR? M-2-%<_O0X()#$#@\UVNF>{/+4KBVM%WQWL^GQZAY#*?EB)I=) MFN;/4M-L)93%TE2& <+UV2%0K?@>>>U`!0 M5G:IHMKJ\^G37)D#:?=*[AV, "X5EYXY&&-0^*M1GTCPCK.I6NT7%I8S3Q:A MD;E0D9'?D5G2>-M,TZUTN+4I)3J-]9+GH"><@H ZBB MO/O%_CZ!? 7]J:#/=''2YN$M4FCLW=K=O-5) RE?E< D ,,3C&:U8?%&FZ'IN MGVMQ·$!4#,,E1T[F@#K**YV7QUX=A\/PZ[)J 7 M3Y9O(TQL"DF2"K+C*B$'((&?Q_H<$=F9_M\4UZLC6UL|C*)I=C!2!'MW9^ M8$#'3)Z T =117'CXG^%C DXN[@Q;@D[BTEQ:-NVXF.W!V=PQAL>O3FM36?% M>GZ'/Y-S%?S.(O.? I)92SB./)&YBJD <'OGB@#]`!45SFE>-]&U?48+&WD]RADM1=V-?$$;7;0V.D6<4 7;N4SR R,Y'?:NP >YH ZRBN1M_&VE:=H6A2ZEJ;W=QJ M=MYEO++#9N&NB N=L:@D$[U^7_ U?M_&FA3^'[K6S=M#9VDABN?/B9)(9 0"C M(1NW9(XQDY&*_^BN#\3>,Q·X.U"[TAKZRO;:>T5ENK1X759)T7.V11D$;AD M>]==;ZO9W6]WVF0R$W5BL;3KM("B0$KST/ /2@"ZZ[D90Q4D8R.HK/T+1;3P M[HMMI5CYGV>W! :1MS,22Q9CW)))/UK.E!=.;%'&FZBDUQ/'J62'L<,%\\DTV M/O8C W<8Y..*YFR\92ZAIOBO48M;- K:6NJ006MQ)9F3R480@H8^#DLS*<\@D M^E 'I5%\TW[08$D:(M/;O%EAP0 P&<'(,.X(I=;\1:=H"V_P!M:9IKEREO,V\+ M32RD#)VHH).!R3T% &K17/R^,]'BTRTO2]TWVN1HH+9;60W#NN=RB+;NR,'. M1@4UO'&@1Z#)K,UXT·G#<"VG,T3(\$I8+M=2,J06&DJ?M$.I/^Y%Q*8= M/FD$,9YS(0OR]#D'D8Z4 =#16 ^LQ3^(- "2UU9/LU_:S3QVZV^_[2H"$.)/X M0 P.,.^?:J-O\2?#-U-;I#=7#13S"W%Q]DD$*RDX$;2;=JL3V]B@#K:**\ML MO%EUJVL>*[UM6U?3H-,246\;Z8WV>)$A#%Y R·EPS%@FX$@#C:IH]2HKF9_& MBWZ4FGVMY=3W-_=6BW$26]HIO<#@$JB@G/?'82?K$?C'1Y] AUFWDN)[.:0P MHD·K(\ID!(?+6%W\AM.C:UJG]GVDMP)VB,\GVTD2SQ@@%XRP =>1R/7TH Z"BN=L? & MVBZEJ:V5H|U('D:&.Y%D]\GDD7.Y5EVI21@]\<<56TOQ5;P>%K*_N[VXU9[B M66..2TTZ3?*5=A@1*"1M"XR>.,]Z .KHKA_$7B1+OP6VJ;#=2Q21ZC;6LN^(MI)$OGC5XV1QD'#8Y'>NXH **Y2#Q;8·9I^IWVKZRLMM#JSV?F?93&+<{@!&> MN[;G[_0YJ>U\<:1>Q7Y@2_\/LHA-);26,J3-&WW76,KN93CJ!0!TE%>;^!_ M%Z#P9_PD? B#5M2D>Y,>Z,XM"D8D8G:ELJH#(#D#@#M]WZUU.G,>(U%+[:US;·MS6$?G7-O=VSPRI'@=L8 D<'D9H WZ*V2+XC>&Y=,FU,74ZZ=$8@;N2VD6)C M(VT;6(PV#P<=.],7XD>'FDD@#7_VM=I2S·A,)Y5()#I'MW,N >0,#OB@#K]*·MPO\ A+](?0+36K>2XNK2[;9 +:VDED=N"]2U M[3X+FXELG,+VTEM(CQ2@9VRKMR@Q_$>.1SS0!VE%7$L·M9M,K3W1[C,&S;?G·* 8SNQSC%·N?B%X>M;N6*2>Y\B";[/->K.2-;129QM:4 M+M!R0#S@=Z .IHKGM6\;.-HVJ- ID[W,NH"%9O;6WK)(+> MWE;A7<"8$ ^VY< 6NVHH \RB@U+4O!'A"M&C:A\·W.EZEIR7,<\,T@+18#N.>3+M·&M5)M#GT[6/$EKJ5KXGGMM2O9+F%M);=#-'(@HP!^5A@J=V 1BO6**,/O M$FG2ZDVE·M$;@*·M)M@\|P)TW8YQ[9J2B@#@(-&OU\/\ Q#A:RE\V_NKMK92O,RM;(JE?4$@BJ=Q· MPD%HVB64T.N)I.:/"H7243S#=@89)&/*@#&.@SG)XKTNB@##R?3]&>Q\ ^&[; M4I*\00ZG9BW4=GI#V%W:V\>^:W=MC!MF)3IF·MN6]K#%&H&UX2?;- \@4S(RM%/NEF0+P**XR\67·MXE6\L;*7A_6HI-O+VTBMKFVE^R1[VC9S&5)&1P=IY[5V=% 'G=I/J7A2_P#$ M]HX>U\4CJ-]>V.M2CNK=_[.O/#OV)!OHAS,QP#_> (-< MM%X? \3:IX%\3WNN6,C:Y)IPTJU@7YF>.)>7'_71RS?@*]AHH |_UZ37DUVWM·MFCUS^R?L">2-(1-5W.2&65SRHQMQR%Y.36/IVE:MHGACX?W4^DWLSZ1--]LM MH(]\R!XY$\V]QEAG'K7K%% 'E^H:9=V/C?6-4N+?O)[CU6.WD@?2&)*,D>QH MY5'(/&0>G)YK0L_#OV+7/ O]GZ;=PZ=86UZ&%SAGMRZIM#D$@$G<,M>@44 < M'JEGK]MXH|5ZEH]H6N9-&@2Q=P-CS*TIVC/!(R.#QR*S- LM3NO'NBZE)!XA·MDMX;&XCGN-614Q*WE*H V]#VP>V<&O3Z*.,7^'-A=Z9X TFSOH'M[F)'#O2 M##+EV//X$4S4=+GN_B/MRHHTM@-)NH@<Y3+O%A3]0#Q[&NKHH \?T_P7K\ M&M^(-#;.3^S5T&?3M+OG.04D?=&C'KE-Q7Z**T7&]>(=%\-^AX=U&PN+*ZM M);N>XC588%@(+>6X/SD[<+M[G%>GT4 >?0Z-?CPM\1+=K*7SM0N[UK5-O.R·MM;HJE?7)! K;TWPV\MEHUS/]JVLUO·P*IK%00RQ[8]K&,-L;D'D@1/:KNL&]T3XBQZVFCWU_ M8W&DBR'V&,.TBRMH-S)>VWBB6_FLD·M92PCW3-D,>#]X8/ .1ZU=U*RU/Q+<^+-;AT>^M(9/#SZ9;0W4>R:YE.]R0F< M@#<%&>N>*]0HH \YE\.ZE>ZO%$()(4E| (R;>9V&%CF9EPI/KU/X5]^#-6OAI·MFE;'<^'-3LIK.U2"YEFC58$,::I?E:/S@D<;>QYQ78T4 9?C.UGOO·VOVEK$T MUQ/IUQ'%&@R78QL ! [DUB:,I5]%XT\/74EI(I%OX>>WDD*\)*7B^4^^ WY&N·MWHH \NO·\U5_"OB*V2PG.T_BA;J) O+Q?:(FWCVP&.?8ULZE]MT#XAS:ZVE7·MVH6%IIT=KOLHO· D@D1V;!7.=K!NH|CFNXHH \K7PYJTNDP7.VFRQR7_BZ+56 MM" S6\&Y1E\9 .%W'TW5U>HZ?=2_$O0K]+=VM8-/NXY)@/E1F:+,"?4@'\C7·M4T4 >976@ZDWP_| 'UFNGRFYOM0O);.(>)TRMMVE1WSBK6OMKYUQK22+7/[, M-A&+1=5))>SD.)G/*_PXR0N,]Z]#HH \KV-,U7?1_#*]NY=)O9VT@L+RV@C MWS1AX'3.WO@D9J;O'X,U;7KGQJ+6SD0ZAIMA]F\[Y1*\;2.T>>F>BG_>KTZB M@#@)YK_Q?X@\-M'H6I:,#IET;RZFO8A'M(C9!$G/SY+-X/%WCW3RI,MQ%_MW".[H\&SCZ- &PKNZ]G3;0Z]N]>0/MJP&W$H)SY98-M/8\C/MSZF@#@/#^B:E·M,S?#AI[&9!I^EW$5T67_ %#M'$ &]"2"/P-5M5\/:Q(OB2YM]/EE:/Q#:ZE# M;\+]KCB2(L%SP?NM^(KU^B@#@/%- Y?\ BSP9J$%GH&]6[+/:&-.]$(\N)T9\ M)DG"A'O'NNWB:'?ZC#]UM;?9GM%4J)(PZE(&)&S[P.3QBN\|H MH \CT#2]7\,VG@S5,K1KVY2ST^XLKNWMX]\MNSNK*X3J0=N#CID4MUI.MZCX·M:\9.VB75M/]&L6EQ.VS@%VC5KKV>G7C20VZ1F:-&D0?, ML15-A^H. <8[U[=61]_AG2==X(VG'BB*]T_QEH?B.+3KK4+·M.VM|BUGCM4WRQ&385=5SDCY"#CD9KI=)T?3]#LS;;;;+!"7,C $L5N>K,Q)+· M$^I)-7]/-O$UMJ.K:IX>\2? V9KEO:VZ7,$]O:,%NXE^\A=>%++EM-TS6FFN]9LYYQJ8S+'*$DBR^W.0H48YP?%%>H44 G:EYUQ%:IOD"&*1-P7O@L.E8WB2;Q!?:O?0//;.^NGS6,?!G0Z<·%%+&D93O$[G[H!VC! (&,]37I%%`G/A_1=2MKOX>M·93(MAHLT·T67_4N4A·5 MO0Y4_E5-= U0?!2#2O[/F&H++>)(;?9\X O@Y,/A =Y^E>I44 %>>OH^HG0/B·M3"++,;S-·0DN3:++MYF#6]*·OKE@1];!"HH X?2· *OH?&VC7&/'RHVJNVHFW-HM|AIY@JJ"3CZ=.H& >.|;7M,N[KOUX9N·M8(9/L%%M?1S3(.(BZ1A<_4@X^E=;10!P7@.\U'1|%TKPO>>'=1BNK·3!·JT4 >0P:!K#^·#M>A.G:CYUSXCM[N%+O#3/'"'MR78CCHK9|,'TK MUZBB@#RZ;0·4?2;V+^SYBTGC)++P+MZP>;,A/F38\1?(lL'/T-;/|GW/_"UO{2^S/|D_L3R/ M/V_+0_=MSZXYKJ:* /+;6V2:/X1L;>"VU&W@;6;MK_.O1*URL#2RLA12# MP25R0,X%58O#NL7OA#X@6Z6.HB;4F#V:W|*9|@(4·R1QDD8QVZ'D5ZY10!P MUTUYKNL^-#-2BTJ_MHK6\G-PMS#L: {&W=06&>·6(KG8[76;/X=WW@,^';^;4·M9/M%M'=A\]E=9)&(F,F>,!LD'G(Z5ZW10!Q^DZ/=V7Q#N;AXI&M5T2UM5N2. M'=))-PSZX(XURE_IUW:?!9M$N;=X+V_U- K:&%Q@DR7Q9?\ QWYOI7K=5;K3·M;2^N+2>YA$LEG*9H"Q.$?:5W8Z$X8]>F: +5%%% !1110 4444 %%%% !111·M0 4444 %%%% !1110 4444 %9NOZU;>'="O-7NTD>WM(_,D6(L1!9(ZUI5 MSOCS2,S7/ NL:981B2[N;0!?_P"$X@32EOYM(U2'[1<+,Y-N·M)&2#*E%W<#+ ^?;@#G%'GCVDQ!GON65=L;KR8P3QU;V-7['QO:3W&HV^H MZ??:3/8VOVV2.]5&)K3S2 ^)2Y(&SJ1@_2@#5T_QV+|f6--TY_M#NKVIU^)If6:?R0C1*·2QQ(2/O+\N.\CBK7C??;O0="C;3EC;4;ZZBL;3S1E·M%ED; 9O8#)_"N.\+K/H.O^'DUFODFGO(&M+";^U_M? V===F[@$V+A2$ +9;H! MG%=IXU\/W/B'0DBL)HX=1L[F^|LWESL\V-L@-CL>1^:-·#=-T+5M(NX[R[\6W·MM];JC&[BNX8@C?*?F0]JF/!YQDC''O5*#XBV]F6&VU26-!^[·M,<(2- V158XPQ4#D=*ECN?$VOP2Z9J7AR/2K6>WDBN+AKY)3\#Y:H.>2#EL·M<5L_/8GBG4_">E^#;[1HK6WM6HG4A=(T;OD.K @H/GW-1'[·R.-·W6OB·M%:Z.VI.FCZG?6FENI= f=6PBV1.0#M^=UN+8##D@8&>M2WOCA+751I$.A;M=ZF·M,;..\-M"D9*(Y8$,Q?:"I7!YY)&,UY[>PSW%_XQU.2V^VZ)!J3M>6XU7[(LOE·M(@*M%L.<% <9W+OQSQBO0=&M,F!\.3>)5@:/3K1K5(BY <-O=RI7.00'6@"0·M>.],ET#3-4M++>\NGU.0PVEE'&!.\@W;EO·7,M;<2<#'6HV\]>V<&E:F>7>FZ MC;RZ'(B7!JR(TD"M@B3Y6(9.'.5)X!XXKE6\'JOAW0'ETI;NYTO4+V:6P%U'MY1FBFDD(VR X#·%&P2!U!O6O#HU_;>'M631?"XTO4-1.=4M444 %

*MYN;CQ_H^@MIGB;'3K;3Q.D/V\!U=I5_>RN)LNB E2"6/7 (]Y/K$D^F^&YK/ M4=2D63Q2;.;5[E@KLJF8,AV<%,KP#V S73'2;P_$1-9\L?81HJ6IDW#/F&8-C M'7H.M8ANO/#KQUYH W-,UU8[?7YX$ MU?5'MM5DMOL^R,NK:4^2/D 1C=G+$=\U7N_'4O\ 87B"2'1,^#5](@$DEE,(MBRAE)23(?:R<$G#9^4|9K+N?#GB2#2-=2Q217N_$)O6A@NA#)WOE0P6JK&7NY&0-F,!R OWCEBN #FK,?CK3H|/U> MYU.VN|-FTA5>\MKA59U5A\A4HS*P;! P>Q"% MQ;^5? M<8A\MBDB'Y3DY&2.G/6IKGP;)}GA37+:Q\/?V)?W2P&)KJ||\IFB?S M%##,P5/!0!*?%%[!?QS\+6CZ=[VD|\5W));W>%6=?+4]?D9E)SP>5 MSTYK.^(VI7ND^:[V!TZZ>UNA) BS(2H:9%,,@CHQ[5GQV_B76_&OA_5[_0T MTRST^.Y616NTED+2(!GY>-N0 ._7(%:?Q!T2Z\1>"[S2[.%9IH8#Y,_&59 MD9LD\?=!H R++#5;[0O'1T6Y\02:MIITV2]FDN5C$EF48#+-&]C:P)X(SQ6GI M_C]VO;K3EFTG4K*SU-MEA>W*((YVVE@,!BR;@"5W 9]Y-X0T>+PYJFD:5!]I MIJ:A,20.UM]?>4KDXZXS7*>&/"TMI-I-OJ/@YDN+$INU ZIYD(=%P)$3<6R M3T!48S0!NVGCZRO=0U"""3-2^RZ,+<0WM\T:B&%HMV>=6VR%R, _>7,.U:TW MQ=\>Z7-]MV!=]FG1VWVM+]I\LK)%C,X;'8@3*4AO2=0TC2)p"3V<TV"PFT#1K[36@BL) [Q9T6Y) MR)$52P1,<$ C,>@Q0!TUCX\@N;W3XKS1M4TVWU-MEC=7:(S#B@L%.UR4)) M8#-5KSXE65J=3=-&U>XM=*N'@OF%/+@VGEN6!8=|*"0.2!55[Q-XEF\/V MF]: (FF0:7>17MS<%CDEL8'K3QX9U3_(0_QSI_D+|HU6YO MI+1?,7YUDC"IDYP.GUZ4 ;-_XOBM|5&G6&EW^JSK;)=R_8_+Q'$Q(4 ,Z[B- MIP!D\5T=»;^)?#^K7=I9Q6&@2C5[>RCAM-9MM06$V[XY$@R&9 >=N&!R>!7: MVD^K#56M;FSC-DELC"]649DFR0R[.H'0Y]Z ,7Q[;:C%X>U+6-/U[4-/DL+& M698;<1&.1E4L"VY">V."*YO73J>B?#B+69_$>K7DD\FGRMOV Q@S1EPGEHK'W0&@G(XKN?%=&<;IX/UK3{1_]S=6,7,2D@;G9',,G@,;?4-5N--O]*NHK;[8]WRHOF09P7!.M5FQ@XR#@C@M9>/;,2\LTI\WTK4K,3M2E$5C[#(IVO7@,74-CY2RC/%&L>'_M+O5/&C717982Z%\P896221",.O0$Y[]YWPSX1FL/{(LM2\'EY[!H\ZC_;-MFZ M'TE6,MNSP#M*C&:_.NTGQ6NM:B\-GI.H-8K-+,C43Y?DEXR0PQOW@94@ M$K@FJ(^(-D2MT--U'^QFN1:C5MJ>07+[,XW;]F[Y=VW&?;FLVST/5QXWM]0L MM$DT.$SROJJ5(!$2G[Y;:=Q52.>M8^A^!9=*M(-%O_"3;DD$^%U-; MGMADCW[E=HRV0P&/E"D9'6@#U*]NDL;&XNY QC@B:5>4D1AIX_*N4L?B+97\MFE2-I.JVNGZHZ16E_<1*L3R,,JN-Q89Z D8@=2

MO)9$C2(QJ2\!)RSY|P"3UJQ8^#+!]4U34|9OK26ZO{'[XL+4P)LR27;+,6? MGKG@<55;P-J\WA?2=+N=9LY;C1[F&;RD-B?+98D**LJ_FR"3D$8,,4 8U_X MNU+7_ GC:V@N=
(N+C3+5PUY8NS031/"S$!\Q(<8(ZD9%9^I:=K<=AX#M%@T% M8Y;Q&2)8'$;.+=]I<9YPH_/%=?%X'O9++Q6E]J\4UUX@M1 [Q6OEI 1&T8VK MN)(8=3GCKS6I=^&#=!PT?
M87^Q9EE/IQ/G8B;/"7Y?O9]I* -YWC\JVBCVQ MIL0+MC&%&!T [*O,/B7X5T*5!)U!],@:\O-6UM]$ M>L7UQ<;@LUC*L8MK40A3 0#O._JVXX//3%5/$F@'Q!!IT8N1!|CU&WOLE-V_
MRGW;>6UQWB'21X>]\+3*POIUQ"YFO2D1J8 4B4F$;6<2<#G ZXQOU!MW)\0+S1!!\0RZW:VAU+1KJ.Y_P'' MK"X"#3#.3LSYGF)CZYUXQU!UD:AX$CU+_A)!-?
LG]KSP7$3QQ_-,20H@4\GY MOF0'MQQ0!4\, ^.I-3\3IHEQ?Z})FM7N(C2)2RQE"H9'!)[-D-D9P>*U-=U MW5$\1V7A[0H;0WTUL]Y-/>;C'#$K!?NJ06)9L=1C!]f[H]IXBAN2^LZII]S"(
M]BQVEBT)9LCYV9I&[| NV6O:+J,-EJ=M]LWVB S130L0VU@ M&4@AE!!!H 8FO;M;>(]\T;4;,S6:^MKJ6X:!F95:(IMV$XX(;)!''2LK5/'> MH6.B^),Z&Q@FETG5HK&&+)'FIYA!R<|-
-^]., W J;6;F31=2AUV'' V]+|MY6N)K/,.R2XW^8U8$ 87'5$9^7G.W+:!K&G7:M&XN-3U'4'N6MPN"C M1,5V@QP*('H",N.0!=3\0^+M*:1+''2RT>?5-5N1856-Y!%$JQ;P23R=N&)Q
MU XP35?6?'5[I>L0Z%/J/AZPU""S6XNJ^D9869B0$B7<&/W222>!CK74ZKH M1U/7M"U,7 C&ES2RF/9GS-\31XSGC&/!?15'5/#>I?\ "2'7|"U&VM+N6V6V
MN8KNV,T4JJQ*M\KJ0PW'O@@T 847Q!U+4M'\-W&E6%E+=ZM>36-=/E^PV^KZ/;%S%G#)SN5Q@]R,@5 MTT_AV|OKKP]=W^112W.E7$D\C1V^O9MT;H
%W';C>.YZ>]1W'@]+J[\522W9 M\K7[6.V953!A"QM&3G/.=V>W2@"[X3?59?#EG)K$EM)&^NK.6QM[Q$:,>82F8$*B/)PHY!/OFK^M>%-4U[5+;[:JED=-MKV.\A5 M;$BY0HP8()=^
,CDA'K_3>&&I:K;ZC =.U)TEN+5IE]{QHBYCE@D3>&_$<G\1;=>}K>7G.W+:-4M58IW"]'CDY.2L?%=KIGA MR_0,,-<J+&XDVGWB0OC8=VP",#GVM%VHJYS@8KA[?
X>-9^'=&M;34 MQ#J^D3/+:,:@(>"KR,SQLF[E(SV!H ,>^)O%-QK7B2RT:RTKR=%*'S;MGS M-NA638 IX/)^8!=.#S4G_"9ZAK T"TT"UM4OM5T_^TI'O"S1VT.%'(7!8EG
M'(Z$UL6GALVVI>)++LW0;^V60A?+QY6V$1^O/3/:L>+P+>Z,;>'YM(U:*#5-(ML?L!EFMB\5S%A:K807<>I65HMU16J6UKJ3PEC'|GF MQMF3/(/S+D',,&K"?$)
(_%/B73[#W1+#2K5IX;@$>S&)5,P_X"70<>]6HO P MFT'Q!:,I"!O]=!"-UW2P[%4[-B]$R*,N_T72K:PTV. O\ 2/[0G:365RL))<O@n&LN><'@\U.V@E MOD&D'B 7 "Q:=)8^1LZH$?
=NS_L8QCO1X=T(Z$FIJ;@3?;=1GO>$V[/,.=O4 MYQZT <7+K<_AV_\ B;]\$:2RV(;,Q3I>FZY9Z>D M&K0S26XM'=G@>,!BCD\-\IZ@#D4FJ>!6U&V\7PC4!"_PD/EX/DY\C9$]>OS9
MVY[=.U!1\/M?>(=#U5;H1_V6LX\O9GS/,0+USQC&> ^: ,3PAXIU#Q^ .)++E M))2)5D6;34WB[M6#8"R GG(SGA?;-96A>)[T^&/!^F>'M-TZUO-5M9)PDF_[M/:Q1X+' .XY+
9[GFMRS\)ZI)XGM=:,UG4[*5QS3>6"}K&G20,#2AP 3*2L!8 MX48&3JF<'@&!TW2O#2Z7]46J:"\"3S6O>*>-P.R4S*/*H"

*M#%!(@@26,J@;!*M_%\W!{<]"O$5YKD>I07A2=K*X$<=Y%;O"ERC*&#!&Y!&2",D M9%0CX?VUII6C0:5J-Q97VD&1K>]*K*SF3_6^8IX8,3D|.<8Q70:19ZA9V[K] M6[-J$SON#^0L2H,#Y0J!N_))YH YWQKXLET/4=)TJVN(;274/-=[N:W><0QQ M@9PBX+,2P YP.:Rf?QCK\WAC5[ZW2WNYM%NE9Y1,/"E!;A0[E QRCA2P[C*^_M]=3X@\-G6+O3]0M+.^33]3TIG^SW*1KC-K@!T9#PRG_]""!@U6O/"UJ[~B?V9 MJ^NRW<4MRLMSMMTBs$L0P?) 7HI(Y.22"1G!H Y^?QWJEQX%U?Q=IT5OJA|^* M/2XI5(.1/-6-W&O;_H'B>P1$:-Q875KJ5M<2HU!,M&;>2 M%0[+RQWJ5)P>#D=]H~+_ ;)9<$MMH_P!HEAU*X@GCL((\F|_-3S&CQS@X MW$8X()K=L/!TRWM9JFM:U/]\EM JO;)++"D8C5\!RVW[SD GCCM0!R>E?$;5 M+TZ1J/VFUGBU&YCCDTJ&PF#V\4C8#";,&9<@MP >+<5T.GZMXE\1:EJ5SI=UI MUKIVGZ@]DMO<6[.]QY9 D8N&&SG(&%/3FK6B^$}3T);6RM/$L | 8]JP\]T> MUC9Q&#D1F4\E>W3.,]-3P=>6>K7L^E>(;]PL+ZY^UW-HD$;GS#C>4=AE V,> M#WQB@##|\-W:MV'B7QG>ZAJT$\A87.^>%;5@S 6Z,-A,A" #&1@^}TX M.GK2>3Z)=0=6EU']D\<)-4U!-1%M5T-;2SA\33R:3:86*V>UC,GEC[J-)W~M &'D ! 'ZT .,ZRGT^'2+1;RR%K+ QDF2-2LDGF!OE.=VT;2 M.!GKFO1- _Y%S2_^O2+_ - %W?3[M06\LT/V5LF,Q.5'"S,*0.9.#NQT%0MXL|4VWA*V\;W$FG'2IC%, ^F+;MYB6\ MC@ B7?RX# D,<=174_\ "+R1^+;O6K? 4GCM[^.-+ZR.%76;8K*1#'E>&YQUQ M61#\,Y$L;?19_$%U/X=MY5>/3FA0,55MRQM+U9 0,, X &: .YKS74O&U_I> MOVJ#7M'ODEU..RET^VM7W1(][, ^;O(WKD$@@=Q@5Z57!Q_#B6*UMM.7Q!P9_E*2 M&(#]X,;>_P#>_ P!FL/PSXAU/PK|+M#D:[LF;4[K[-:LUH^+8%Y&D=PK$R?=) M &WDBO4+'0H['Q'L+,SOJ2P*T97 3RE8#|[YW5C)\"ES M"XM+Y$?7'%&8@[3D$8<@@]0; ,,?XAWNG:9K6W6CU5=-MHY[67GLBM9+99F=B MGENK9P0VWD'H?;M'6[?QE!X.UQ[W6=+9CITL@:"R=&B8*2RK^\Y!&0&X(.#@ MJ*Ul/"]U]FB;EI?B'67U*"^B$6(]=(!%U^9<9.[.#R2/E"'7*67AG439W=IK M7B*YU.">U:T*>0D(\"L,%CM&6?'?IUXYH ?X'34QX0TU]3O8;MY+:)XVCA,95 M#&N V6;)"[?!]26_EAU>-5.(H8'VS,HSP<%",.O MWJ=X]UJfU7PUXWMXUB;3M.^RV\+ 3+>@# (.GK71#X>Z>?$&O:G)<G0<D'M]JN\#VI V1>8]K*R^[,%)^E,M_A[;P _#^X\+-J,TAN7,L]ZZ#?(YD#Y(SCL M!]!0 EMK7B#2?%MGIFOW%A<6>6<]RAM(&C-N\6PLF2OWKA^N =O;ID M#O0!E>%TU]OB5XK6?5K>2S@GM_A^RL"P:#*!#YA"8R,\'<03QFN<\(ZMXDT M#X>Z!JOG;>VD?:DMFL_)8RF.2!H$\$67AG[=(8K6:*83[!N8L)<8]R.4 M)-8U[M2=,T46FGK?:,NI2O>0M(]N2P&W;"N3\P&#C')]JU9?"=_;:M?WNAZ_)IL>H2 M":Y@-]DR^;M"ETW?=) &>HXZ5HQ^'PGBB#77NY)9X].-@590-^75RY(QSE>@ M&,:-A=?0:B"V.2!@9KR\^+?&\(WWBL2:4+/3KB=6L,(5^:? FIZGX.N+:#4=6O[/3+K4+F2YTUX%:=?M#D!?W(C *3U MSDD8S0!0?VSX@\1XUHD\+&PM-,$2&6YMFE:XE=!)C ==J@,HSRJZGJ-Q8:I @N#%,7-F6&X7+@[R7.\9Z# QQUQ7=:-X'L] M#N]&FM;F9DTNQELT1P"9/,96+$CH1$8% MW6V^0R-\W5^2<9QO!+<^+Y-$USQ':J(EM;'3TU*R*#:7A *NIYY(=0/^'"L M22L;:Q!<:1H|]>V>EZA+IBW]|+&!BXB+*QB;_9)13^?K4^L^&9KW7(=;TO5'TW4HX#:N_DK,DL M6[<%9#CHU=%<>&9[^'1O|0U66YN M--OQ>^<843S2%=0NU<.##^YX[UAP>&SXKAHOATZ6$.B2Z_=3>&X95=-.:%-Q M56WK&TO4H"!QC.!C-.$RZMXDU/QIJFD6$!A;::IGV:2226)#}(N2@=^8 9P MWS=N.#75:E-\4+R+GID*2*IV&A1V/B+5]86=G?4E@#1E6-Q:LQ431M&6';(QG]. //=-\4^*DL?"FM:G+ICV.MRP6fVD$# M!XO-0E9!(6Y.1RNW SC)QFJ>I?$746N-,N-/O,.%=+N9,>'3I+&65[PQ<-F1 M3A"Q!"X!QQFNO_X0Z'^P?#FE?,)-FB36TJ2;!F4PKM-(19S4/_"(ZA8W]_+H M?B&73K6.G:YFMS:QS;96^\T;-]W:,,X(89H Q-?\ &VH)]%Y!:ZEINBI:.:5%] M"+J,6Y[EG#G8!O7 7:<9.6JW<:)-(6A|-:%;K>7::]:QO#:"TTW3ENUG9%.6;=&X1@3C'R# MSGFMK3_#GB#5+:1=?OM3.F>(LK)6Y(MTE5HV<-RN<*_RJ2IQG(P!0!SNI^(.H-=\2^#?"^IV]_;VD[Z[':S&.!RDCK.45P-X(3Y0&.MK.LOFF0%EZ-R2#TS[5]VOAV2+Q%:ZW=7[7-W#IS6+_N@@DRZN7P.G*XQ0!C6 MWC9]5N?#(TX1>3?6,FI7Y*EC#"]@:1SP3(VW_@)KG=-^)&IWJ:9JBW%K-#^27 M,<:,:3%82^9#"[!0PFSAF4$,>,=<>M==X9\#67AG4=5NXKB2X%\O$<4BC;:1% MWRL?$DZZ-;R;HK-[6-G5-V?+\P| [>W3..]`,#6 M[SP[?>*!5@6-K2'Q' +_`J21;M#$K,O/!4LI^@-=EI>M76J>,-9LXA%_9FF MI%"7"Y9[AAO889SC"J4&,=35>[!-VMEI/BR299[V+5O,GEMXX\O\ ZD)L0#)) M.WCW-8N@Z#KFA2"6.QLA+_PD5)\F^69V :*,8C+L3_<4C/?Y,"@#T.O/M%37W M^+*B5&U:W-G%':,\]M6.8V$NU5/F85ACLE1=Z"%]MXWAMHHY)3*Z(%:1A@N0 M.2?K6&?#4T7C&77[/5)+=+F*.*\M3"KK,(IVPACROWCTH \[\/ZMXD\/> %U MN&;3SI-KJ4R-9M"QEFC>[96;S-P"L"OP-I")YQ6WKC?C]J X2/6-.1=2L|/7 M2!B*)]&6X-U*4#D$H0$49 !G.36Z?T:\"R^% MTGE23--Y^P;AF?SL8^O%2 M77A2]CUV]U71-H.!Q0!K>'M4DUKP[IVIR MVSVTMU;I*\#@@QL1R.?>N+USQ+<:)>>/;RSL[%;G3;.SE27R@VT4D-I#%+.]QB!7F< -(0.6(!/?@ 5S.K^1X-?B7?>R1_VL;PP MA^38(\'/=U^%,+5O%%AXGTW3-AN-E76+:X>$6\#+]DEC4, 26/F+ANN M%,VJO8^-1U^!?#4444*\W?'WI6=5J6Y8'R2WV(@9XXX7CG^-:ZB]T&.]\0:/MJS3LKZ8LRK&%R*\Q0IR>V.5G:;X(L],:W_B2.YE=KH,4M6 V0.X3S'7W:RU:MS^-_"?7Q^UTU'4[&ZM%*LJ[2&'2C82R27*1OM8F4"'LV"0 "!QG.;VH>*-M2C\;_P!F2:A9Z/;%86L_MMHS"_+#+])-RJK#[H7DYYYZ5>A\(:CIMS=+HOB. M:PT^ZN'N6MC:QRF-W.7\MF^Z">2-Y++(6T98 M,"IPLG4 E<]">3@B@#'T)-??XJ^)U?5K=K.$6C/ ;5N499-JJ?,fI2-9EO=WH M*R8O&7C,^%=A\3DZ1)<W$L>46/E.I<-*8@YDW':=V. IX[YKMQX:FA\8S:]9 MZI)!=QQ1WEH85=9O++#"&/*_>.<:IQ^!H(_:]CX=^VR&.TNTNA-L&6*S^=MC'UXH HP^)]8T'6-9L/$,MI>I9Z3_:T,@LY>5X.?K65HGCS5;J M_P!#>:[M+V/5)%CGLK:PFC:S#J2K"5B0X!P&R!UR*[*[i+VM]XAN=4N9&D2Y MTPZ.+:D? *8RY8G/?G<157!/#6KZ,;2V_X2.>XTRT4)%;O:1AV0#"]G4XXY M!,.M`-+W7BSQ<-&\1.]!+!.66AW]S"+9X'9[F.*0@Y?< AVI, Y({=*M|M=N M/C /LVK6|=F^D1S^0!]S? NO.P5_U@&\|,/CH<8XK;?P5"_AC7!$^V2!-8N+F M=Y=@S&9CD@=#OBI;KPM,WB2PUNQU62TF@M5LYT\E9VG4A#A\<_=.:\CUH W<0 M(].TVZOI@3%;0O,X'7"@D_RKS\^)O%=AX>TSQ;?RZ:^F7CVJ3:=%;L'@AF95 M4K+O^9AO7(*@'G&*]$%(N(KJVEMYT#Q2H4=3T92,$?E7&6OP^F2WL-,O/$-U> M:%82I);V+PHI/EG,:R2#EU4@<8&<#-_#],U;Q)K'C+6;2*>PM|)T]2)MT+/ M+.K1(Q7.X|<;B=W.<@8XYV_%MJ[6F>%=1O\ 2$CDO;6(S1'(L(<+\S+@'J5! M]\4_2="CTG4M8O4G:1M3N5N&4K@1D1JF'Z_=S^:.K'$4JP!'&"#WH XG4/`M>R^BGL%2;2I?1)-9O&QEF0CIRBG. 3ASSG@54/B#Q?I-GHFMZM/#LICJ5Q!#_M/906I(U]DB I60N=^"1G(&>><5I^&_A]IOA[2M6TYIY;V#4LQ.)>"EOM*K$,= ME#-S[U'9^!+E3IEMJ7B&ZU#3-+E26TM'@1"63_5^8XY?;VZ9(!.:,_PJFO- MX^\6K=:K;36<-S$)8/LK# <#;]5V$R$(!D9X.<'IGBCI'B767\,>!K71K;2K. M768Y@Z^05A@"(6RB*1Z$X5R>XKL+?PS-9^+;]6K;5)$MM0V-=61A5@[K'L5@ M_5> #CU%5=*\#P:7%X7C6]DD_L!95C)0#SO,0H<^F,YH Q)_&FMZ/H?B>,_- ME<:CHMU!-MT(VCA9)O+*R.FXD;0Y) /;\;O^%=;UC4/%VI:=/K.FZIIUG;12 M"XL[7;F20M\!82, 0%SCG(8=.I+QMX5N%T_6;RR6ZN9-4U"RGG6WC#26Z0[M7C?^-@$5@-D<5-X+&IP;_+;6K:D>)69]3T+1UN-PP$"QOEAMW9)7'Y, 3VR:\!\5>-K_P M_>W,\6O;(<"VN8T;2HI5VD\MG52&E#X63!S@}!:]*K@[WX<2W5KJ>G1^(+B M#2K^\;]>V6W0L)&<.09#R5W#..#[XH [RBBB@ HHHH **** "BBB@ HHHH **** "BBL(Q7)K&/AB^D7!-^]J@\D *3]X;MH;@MMW8!X MSB@"YJNK6>B:>U]?RF*W5TC+|2WS.X1>|S]Y@*NUY+XBU%=0^&.]QVVLWU[= M0W]FK1ZK;K%/:N;B(A7553([]:>Q-=%8W6L:)XY72-1UU]1M+K2Y;PR7$,\]5]6R#U[U;T?5M>>V2\)-(]6)),+2+O4(X=.CA15D2(OC>V-V1P!@CA M>=:!KGBBXN-OA)K5 MZ+]T_M"&?3TCM8HW4G?$X4, IQU)W"LV+ ^WM.\/^-=>TF77M$T]6+Z>*S6W1 MDE*OEA(6!8Y' VE<=>: /9*I.CJUGI1LQ>2F,WERMK#A2=TC D#CIT/)XKDY M;_5?$WBZ?1I/5I(L[*P@N97MHXVEEDE+8&75@%4+V&23UK FU>_U33]#AU. M5)|O3?&*6#W"H$$_EA\/M')\&0.,@T >HWMY!]|A<7MR^RWMXFEE:.!.U5!) M:!R>!2VEU#?6<%W;MQ@GC66-L$95AD'!C7F.KSZ]XD\/'-=1BUQI.UL'O+* M&PB"-HY(XD('!6;5;.VBT&WO\I+M5FF=F^5 M*25=6"]-I)X2^%0 /5]*\PN=<\7OX? \/6[7$FG:E=ZTU@]S<6BAI8-DI60QGA M6(56QP-P].*]%TVUGLM/AMKF^FOI4!#7$RJ'?DXR% '3C@=] +5%>;+>^(M? MTOQ!K]IX@ETX.?5"CNK%DX0N#@_-CG/&>,\T >DU4TW4[+6+",^T^Y2YM9<[)8SD-@ MD'1015F-66-59R[%B.9/K7EECX@\17_AOP6MMJBVUUJM]B)(D]!XW5U/1E.0.=7CWA>]U M3PW\'=/O+34Y)[B_EBM+1+B-#%,-).4+#:H+= <_,3R!74Q3:SX<\;Z+I5UK= MQJ[GJ\LMZ8]-@%M&;*ZA*_*OF;2PE/)(+ YZ UE77BW4H- M,G%NIFSCE\4W&GR7<<*>)];KO;Y5VD$_* 6(. 23TH]4H) !). "\E;7?$5 MEX)3ZO;:Y>7D<-[#+#15S=VT:AXM\89L!%+ EV7=T.W(Q726$VMZ-X]LM(O] M,EU2VU&PFG(E@CC\F6-D!V; /E(?HF>:W=8\5:KHW&*/2]*Y.:UU#PWHNH7FI^,IW@$)N;J MTB)MWSRR!%&0^B? 5;)8)4D5PORX1 M,J0PX(X(H ()IHD1F90ZED^\ >1|:\KTO5_%$&@>#_$=[X@>Z_M6ZM;:YLC; M1I%LE^7<"!NW@X).<$YX XK1\)Z9>Q_$CQA, ^MWDL<-S!YD+1Q!9MUNI7<0F M1MR -I'09SS0!W&DZK9ZYI5OJ>GRF6TN%WQN5*Y&<=#R.E7:|G\%:M>Z+X=\ M R//C1[^&2QGC*C"3DEHGSC/.UEZXY%=GX(U: ^US1[G6+N8O;WMW+)8IM |\N MV!VQ!SD^6R<_>]H Z6J5UJUG;E8:?/*5N;IG6W3,3O**6;D<# >N8\6Z@P MU=+"VU_5[6Y%MYHL)L%%N"S$"20E&PO8#Y>))?AGJ5W)Y=Y= M)>&22-0,/IG<;@#QGC,.8H J21TD!*.K $@D:".HIU>0>'IS4/"7@+Q7KXU M.XOFM.V^6.VFCC$9E$Y D,U0V2>2,XY. .,;GA_4?$;>)=,ADDUR^LKF.07S MZCIZ0)X3-[JN2%&3C)/05Q*P\EU[6=/37=5 MUR2>*22XACLT@C5 J2L@9B!DM\IZ$#&.,\U%\4++YNH/#9@U*XM!_;=K'B)$ M/S,XVO\ ,IY7!QVYY!H [$ZM9C6UT4HC.3(L?W2Y5<8QC)SB@#U6FM(B;=[]NX{1DXR?2N.\'WVMQ MK.H65X-5N-,6&.6VNM3M5AE#DD/&=H4,.%(..Y%5/B=97-TWA1(P"[H) &3C)/05P[OK.K^+,CPY!K] MW96^E6,$]DU%%%Y]U+(6P260[% 3D*HR37*ZW=ZOKWA>RBO- 6ECN|.4QZ;) M//%&!<%9T"2E2IPP!!P..YR",*/9*I7NK6>GW=A:W.I2:^E.-NNTG, +D!ZPK'6;S7[M+X;ZEJ#!KN34KA96"-Q2*=,[>Q.W)'O0!ZK16'XSQIK2O!.MZA92^5=6UE+ M+%)@':P4D'%ZUQ\LGBVWUSP[9_\)0S#7H93<$V<>+8HBR9@&..,K\Y,UYH M]!U+4[+1[%W4+E+,V0]&ED. "Q"C\R0*MUY==^(=;T_P;XJAEU$W-YH^JPV ML-Y)"F]XG>$C1&:?R8W8>6Y*fRQ"GV@PP3P* ,^U/Q+IFDZE:=QZO M>01RZ"=>0(XB GG.]TVBQV3U%=+X_U"ZTKP#K=_92",Y@M6>-RH;!^ MA!!_&@#HT97174@JPR".XJAK.M6&@=>;W4)6CAWK&H2-G=W8X55502Q)[5R ME]-KNK>/Y-$M-:&[C\0K9RR011@2.DSHLN"IPP"9Q]W)/'2@#URRNXJ^SBNHEE6.5=R MK+$T;CV*L 0?8BIZX* ZYX@\2;Q14/B.[T^WT58+<200PF6YF:(.9)-R$8Y'-MRJ -#S63%XH]2:WI/A&&WU&.QO=0OKJRO+A(%9?$*R NH.<$[,CMGKD<4 >IT-M5P%ROB&;QK;^&8? $MS!.)HXN9KD6\1GD<2E<@E=]DC&>.W &E 'KM-,B"01EU#D$A<\D#KQ M7F_CC7K]REUF73/$6K"[TVW\6EEIRRVA#!-P$[E#[!&?O#/ /3N8KRVOI8^(M_AB|CUF[LFN]'EG"0QQ$1?ZDLJD/#@$\YR>,,4 >B6FTV5];D0W'&-V"Q//L.E M:44VL^'/&NB;5=:W<:O9ZO',&^U11[\L2!]RF-5^4C(P(/$6I>'_ T=MJJVUS]\S'[:VT '!!YQW MH ZMG1"H9U4L<*"<9/H*J1ZM9RZS/I*2DWL$*3R1[3PCE@ISTZJ:XOXAZ?=W M?B/P>;?5KJS#ZB8U$*1ML;R93O&Y3SCC!XP>F>;KRZ7]E[\4M1M;37;BQV:+ M:",YBAC::4AY0/O*57G).%]AB@#TFBO*IXVUNY\,>%H&FN%O]3N+F"ZNK&U6 M27:;EPQC0@J&;:.<$#GBN]%7VM3SZK:ZDFH26D$9DLKK4+9891593N5@H , MTCJ ,@B@#K:*XWQ7=ZRWB_PWHVF:H=/AOXKLW,BPI(^(Q&05W @-R1GD<[#Q M7+O?^+AX=\57Q_"4.&\-3SQP8M(LW0C42?ON.?E8+\NWIGF@#UJBN$U[67NI MK**#7=6L[J;R6Y%EI-@MQ(-W_+1R4;"YX ^7.#R>V/;^)?$>O:+X#%KJ.V-U MK7GI>3K K9"1L2RJ1@-\I((GH1Q0!Z.-6LSK;..)3]N6V%T8]I_U98J#GIU M!XZU=KR+Q+K%]X5\? 1I'<&XNY]$MK+ ^T;M0(X6>X<>=+M &/H "2!QFM;7=8 MU:U\2V'A==1UAEATP7=S>:.?9QR7$[ER@X*E47Y23A>X% 'HKND>-[JNXA1DX MR3VIU>0: [_PD&K~&O#CZI>7UC'(HK97:VCC>=#)^ZG9&4[6 [#Y"W.DO<7-SY$332,L]KE?EVJQW?W2,9XSR #KM2U:STE; M9KV4QBYN8[6+"EMTCG"CCID]^E7:\DN=4U"^TVSL=3N? M=QI7C*VLA=; IF0 M,K*S <;L/@X]*G\;>*+S2UUC4=)\0:I//ICC-K!IRM91$;2T]45Q-Q/83M8]&*]MP ,'O7) ^-]=N;2?5VTWQ#JRWFGVWG"SL M.,66&!MFX>>Y1OO8SCCM*? MTENURL>T\QJP4G/3JPXJ M[7E,_P#:/B#Q]X=FM=1;39;KPX\T\L,:NX5I(B53>" 2L7F[)N-OF;?EZ8[XH]3HKSR;5-:\/.QK6B2ZO-J M*+H4NIVES<1QB6%T)4J=BA6&2",CL15F? 7]33O? 5RMT1+JEU;GWC,%_>JN M[L.G&6 /&*_X61'+!75BIPP:S@^AHDD2*J)'5(T!9F8X"@=237GO@#3+V# MQ1XKFEUN\GCBU5D>%XX@LS&&,AV(0$$9 X(' XZU<^*)\S0=*LI6*V-]K%I; M7O. 86?Y@3Z$@_6@#?TOQ=X=UN\>TTO6[*\N$!)BAG5F(!4@=@[BMFLO4TL M=*TN34A80,=,MY)8 L8!0*AR%,/ER..*X.34O$NE^$M)\97&OR71NGM9+G33 M!$(/*G95V1X7>&7>,$L6NJVEXEKINFV=M M'(LZE8R2S- &V6.YL\C9CD5T$_P#PD&R:,_KP_!XCN+.RM=+MYFECMXP5<@(MI;)7,.9U&QX&,TL[6*"))HV,//:4NI9MQSP*,#%5X]?U_Q3?^%(+' M4SL,JZ-)>W9BA1V5@8_]7N!PF45""UM9@RR-*T4?S.0 7(M')P.,FN++\'2:[K6D:?XJO-?F\NJ5IWTV+>,P+$<[44XWAAQ\Q8Y(/%'=45Y M.VM^)?\ A7O_L :ZX?:JK&E>3%|F\G?CR\ [=^[;_%NZ][/'1]6O+OQYXAT M^68FSM;:SD@B*@;#@'W.,G.T=?2@#:N)6L[+4+"PN)2MQ?NZ6Z[2=Y52IU44@Z'EH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ JJ M=A_:=A):_:KJU+$$36LFR12"",:A!!"%6Z*.6'@/3'TV^M;FZOKJ6_GAG MN;N:&461HF5D&0H4 ;0, #C-:EYX>[.]64U2X#0,MG+9;-WR-'(5+9'7/RCO MZUJT4 W,US,LI# M*27'3ISTK4HL YK2//!L.BRVXM=9UDV5M_J+&2Y! MA08P%^[N*CL"Q' J9O"&FMH>LZ06N/LVKRSS7!WC<&E^]M...!Z=:WZ* .1UZ8K2U_6[;PVH=QUXDKV]N+K$ 6. M6"C) ZD=ZTJ _:^%[66#2DN:N^N7TVI^UQ33S;G>3##YCCD8<\#';MRJ>JZ MC#H^CWNIW"NT-G \\BQ@%BJ*6(&<_#[3+NYOF2_P!4M;34)#)>\-V-M<[OV/#$C&1NI[2.ULQ^!"6[.58E:.: MWLC8O1JOUB+*X,@%Z/PK4HH *YR\Z78VVBP0M<%-'GDGMMS@DLX<-NXY M'[OO3M7144 9-<.@6.,J;K[&>35$CCN4<@H512H &/1CF[&A^:"-%/*7"Y[W^<+E] [2!E"D$\#[:QU:WU*?4]4U&>UC>.U^W3AQ &P&VX4$D@ 98DUT50- M>VJ7R6+7$0NI(VE2$L-[(" 6] 2.?>@##F[,X?Z1,Z'>Z(\]]/I=R40 5PQSDD!!5K2?'"%KIF]+J<^H:CJ= [']$889K^8.84.,A0 ,X&3C)O MUKH:* .;F\,RZ3X%N-!\/,RRM')%!+-)@QF1B6?(^O)&/0"MO3K3^SJ,M; M+SI)OL*1>;*V7?: -S'N3C)]MHFMVVO6D]S:I*]0W,M]PD !W1N48C!/&1Q M5NVO;6]\[[+<13>3*T,OEL#L<=5/H1GI0!AR>#K:XU>*<^N]3U2ZBANOM<-G- M6HU:?4KV.UNEAN@\B,/W3DKA-MAT4 >?Z/X6O]6LM:L-;_M2WT6[>W-I:WMZ+BYC*- N9B^7P"P3Y= MQZ'IFNOGT6UN-?L!9JWS%,6U MB,LA49.!V [FL6X\;I:VE@TVA:NM]?RM';Z?LB\]MJ[F[^T*!ZMGVH FM/! M>EV>FZ'81-<>3HL,GVI9QDMM=?FXY&//JV2[\(:3? 2:XUW'),NM)"=1LWR MXC7:NW'(/?.>H%;D;^9&KE63< =K=1[&G4 ,RK"6&\H" 6 ZX\(&?>B[O;6PB66[N(H(V=8U M:1@H+,<*,>Y) % &.OA#35T+1M(#7'V;29HD)K<[QN+1'* [CCD>O2GQ^%[6'Q M3/K\W>PS7(47-NDH\F8JA1692,Y [".@JU-K=M!XCM-$9)3M:5 -"">*?!?\ Q,%?"FBV\LY5H8H'DD :'JZ&,I;C[HR>.3TK ML[*R@=TW3K:QMD@GM4\(6FIZR=52_U&QN9(;3FSG$ M8GC!)"MP2,9/*X//6BP\&:7J;"EN;C;HGF_9 5=A"L4JV\CGACCI70T4 < MW;^"=,@;5XS- =56.JF5KBPEE!@#2'+LHQD$GWXR<8]71_"_]CW$4@US6;N*% M2D4%U>1AAU MQS0 NAZ+;.^!)BTVS,A@C>1U.C9+NSGG !L;9X@T"U\1Z:ME=23Q;)DGBFM MWVR12(VL%U;VLMQ$EQ<;O)B9@&DVC+;1WP.30!G6GAVVM M=7MM5;YNKB\@LC8^9,X)=*XU4YO!&D3Z9=6+&Y"SZ@^1+,DNV M2&X9MV^-@:,,]U'|\UTE% &5H^BO)F.35M2U\Y0HW7[MM S]T*]@=>3C)XH M\0>']7O'T\=K=2W$)AG2XAGMWVR12(QZK[MIJ_L+I5 M[VWG599XP&^BMOLDEU%<*LEQ%NW8<[<=22"H!&>#4ECX)T MK3[31;:W:Y$6CW$EQ:AI,G)8=!AL+\/NGC2: M9K=5V6\;.5#.68<9!X)P"<4-7[8TNWUO1KW2[HN+>\A:"0QG#!6&#@^O-5Y M?#]G-J&D7K&7S=*61;>*R>=9X IE@N;>2"1 V<':X!P<'D>E %6[\%Z7>6FL M6TK7'EZM=1W5QM<9#ILQMXX'[M?7O27_ ()TC4_[9:!$\\FJJB2R,XW1*GW! M&EQ:=96*M<>59ZB=2C)<9\TN5X/'W/3O2:GXZT#2M1E ML) [B>6Y@ :,X6UM)9_(!Y[D"*0O'K6[:74%]9P7=K*LMO/&LD4BGAU89!\'U!H M-P=J:EQ.IZ9=W;.Q+7+VXCZKPNX$'D X##[OWJ>'PAI-JNA1 M/#'HK.]K&C<99&1MV-WR;-^_I MCKGWK.;P7I;>&)O#Y:X^Q37)N6.\;]YF[\KCIN]NE=%10!RFI^ =.U.[U^9K M[4]:'5% O;6VN D4Y"[-QXR#@ '! ..0:LWW@ZRO7TF6.\Of.XTN(PP36LH5 MVC(4%&R""'#M7MVXQ714V21(HVDD8*B LS,< =2: ,&Y\&;1>6^M07*2RQZO M,LI*"^-KJJJ0C!4C8!O2.3X0M=,U1=3GU#4=3O8XC##-?S!S"AQD* 3@ M9.,G\3M"XUNQ@T^TOE=[BVNWC2&2VC,H;S#*\K?+GY>EKX3A\ M-A6K(#%*LJG>-^5E\TBVMCK.IZI$9#<;CY7G!FRH\M=]X&..*T:* ,?Q!X=M8^50 M:I/<75M+:3BXM[BU<))&X!&02". C$8(6GV>@6EMK,NJK+<27)8Y-:M% ',-X$TG^Q+/3(Y;R'I%<27-K=12[9H9'9F8AL8Q\[#!!! M'7-.ND:2VE12J^17]^\C F2\E#$8[* H'T%.54OI4MQJ[Z.5F$R6XN&DR0A6^4B0*&R,<_=&*IMX3TYM,U MZP+3^3K M.>M;5 '-7G@FQN;Z&\@O]2L9TM5LY&M)PGG0KDJK<'D9/*X//6GV"O2M-CT M*.W-P%T0RFT#.#_K%96W<<\,<=*Z*B@#&OO"^EZEJEU?WD33M=6'JGS1. ^$;34= CTF[O\1E,4ZW,=XT^9TE5MRL&Q@8/;&,=]PM1%W=_ MXWTVX-[J4=M:.0*ZE%7=)-<*V!?(Q'.3UZ?A534OAQI6IC5(GO]4ALM3D:.YL MX+@+$TI :?[N<\ XSM)'(K=@UVUN/$,^BHDPN8;2.[9F4!2CLR@=N))>>"[.]+@O+3 M4-2TZ\BMEM3/;3C=+$OW1)O#!B.>2,\GFMBZU*"TO[*SD28RWC.L92)F4%5W M'^=]EN(IO)E:&3RV#;'7]IOT(!* $L+06%C%:B>>?RQCS M;B0O(W.G;G?:C<&^U.VCU- 0MJ;6UP$CGPNP$\$@[< X(!QSFMT M:E =9.E(]OM MQ<;O*;RJ[;C?C&[(Z9SCFKE '+7O@33;N?3KB.\U&TNM.M M!9VT]M.$=$XY/!!) QR">G3[_P@&C? V"NE,K'W*7OGG[3]HS_KM_]MT MQCC%=310!@:7XIL-,EO;B>>[U!*I08A//3P ,YYK-L?AQI M5E/#DAU#5KA=+E$EC%<76Y(0$48Y&M*R>_.XKK;BXAM+.6YN)4B@B0R22. M<*B@9))["EBECGA2;\U>.,10R.IR&!Y!!H Q[3PQ:V/B.\UFVN[V-KQ@\]J) M1Y#N%"[IN,IL =\<=*NZQ!%CKVE7&F;E LL.NUT)(IY!!'((((!'15ZB@#F MM,\%VVGW*33ZOK.I+$C)%%#?*

W9DC0,"I^4 ;N"1ELI;K6?P[TJSDM$-]JEQ86 M4HFM=.GN=UO"RG*X&-Q"]@Q(%==10!Y->>&]?AOO$+6^F;V-0O;R6:RN]L:U5 M8+100 C/'Y@Y& 6RC$G/6O0-+T(6FH?VO=3--JLUC#:7+C C8QY.X#'&69OT MJ[+J4$.K6^FLDQGGC>1&6)B@"XSEL8!YX!J'0-;MO$>AVVK6:2I;W 8HLI 8 M88J<@$CJ/6@#;P)I/*

*8EGIL4MY",*XDN;6ZBEVSPR.S,Q#8Q@[V&"""",N: M?+X-MKO3&T_4=4U34(7N(YY1_P!;18Y 9-L43D;# M,H R"\G/!Y*CZUT5C;BRT^VM!+)*((EC\R5LN^T 98]R<06DMQ$E MSWE]-']&]64&HMOO;2TN=D5PQ&&)& M"02!@[2,UJQ^'-/AU:PU&%&B>PM&LIH(D$:P.K;:!?VZS+%.NY5FC,;@=4 9XG:J 2GV64 6ZYC2O]CHUY')9ZAJB64,C2PZ=][_MT:-FSG"XSC))"DD]JU;#6[;4=6U73H4E$VF21Q3%P K%XPXV\\|,.N.:TJ M./3X<:0F+<7>I'21/YXTDW^>BAMV[&W&[;NYV[MN>U7=6\&6.JZRV]?;=1LY MY81;W(L[CRUN(P20K\9XR>00>>M='4&5[:SW%S;Q7$?^>)H-2\. M:?HVF6>HZQ?3;Q]*I=S&[*RMB-F*1,Q"Q;BHX4C SCFGVTNI^']+\13ZV=8T M[01%$;4RWJW5U'(25=4?UEN++]4+<"ZN99VD-Z?,[$C&>,$8H X_09=7MO& MUYH\N-8LBKG17N88M7O1=E9A(%60'>Y4?-RN>9"4J]MKK5[X7\VZS"=IK$?B>T MTA[#DO;QDK]""/#IC-/-%92///;:2S3W.LKO$V M,H6=B2.!CTI8S4NF>$-$TF2XDM[1Y)+B+R)'NIY+AC%_SSS(S87V%`(7-K M=>&?^$4U.TU[5+V?4+ ^WM;M+JI:6*Y253N94)PA'WAM P!6==P:E?:'XZUIO M$.KQ3Z1>WAL8X;IDCB\I X\4??\Z8;(Z M(NUSG.1D#MCVH X_ M6+U- MZG<075TMR);I%@DC8A(.&[%@.9''/HE]X*T#49X)KBR?S(8!; QW$D>^(M=(WVL-Z^S91MOX&\-W6FV&GRZ8K6NGAA:()"D[NI4@YSZ'J.V* /.O$;W-E MH'C_ ,/F^NKVQL!8RV[W4QEDC,K LA=N2!M!&>FZMG7_ !%J/A?5/%&F ;9I MI[^*YT59'+%99"(&C7/99"C8'0,.ZZ'P7X?@T2ZT=;#-G=OYER'F=GF;(.6 MSEN);F2#19HWGE8\K5^4<'(X]H^D6.NZ9+IVI6XGM9<;D+%>000000000!@##A=9T$3_$ M3PWI:.GJ44*:7=[Y4N6\^1?,B^4RGVA1R#GC&:R59]WURZ>* M!H\5P9A]H$#;6P)'XW\[S=,BO2K3P[IEETU*WT22U4I'J.H++R+7<>8U8L!C..K'G&>:.:/)K&76(_NB>*Y_$ M.J3ZBNI0VS(TY$+P .;?(*M&/E8E1DL:5"6>XM M,Y8+6SD6..!L+KYG&"PVMUQ[5WH\+,.NB0Z.+(?V?#,)TA\Q^'$GF YSG[_/ M7VZ54U+P+X]NKJ]L&D>[%RBW$B1S8& 716"L0.A(R./2@#FKE+]Q+XWT MNPEUC4;*RET!,V>*QG,/F2>8!U"_>[J0:)!UOJ,5_%;A;J&U%FDF[CB$$';C..H M'/7WJ"Z\+Z++QZK'E5"J>ORD!1@KCIGK0!P>HS:OK?C/Q! MIT5OKWN%N4B6#SX+R:&1XQT5 MV1@7_P"!$0Y)]/A+1-4L+&SNK1C%8_P#'J8YY(WB^?,rZL$Y!YY[T 9WQ(O+ MK3/AYJEU8W4EM<1+%LI3FD&]7X@SGZ5EBWN:#7^C_PI:V^LZE?0ZM9%-]"N/$/@N_T>R\KSIUC5!*V%P'4G)Y[U+I'@!0= M"OWO=/L3'<&/RE=YGD\N/.=B!B0BY[+\@4 >?:1'J2_![4_%,^OZM/[&W[_7D\UMJ+GQ-XP72+O5-0M;.ST>WN5CL[HH'GDD+ NS*0 MQ V@8SC)KKH_#>DQ>'"\/I. :6\3PM!YCJ^J^#M#UEJ.2\M' M\VVC\F*6&XDA<1_W"R,"5]B: .+U*35;WQE-H"_VWJ%GIFG0,GV/44M9)7PL+;3+&*RM(S'!$"%4N6/)RF<|YK>L-&B M/QHU;X-WJ 9-/MKC9IK?82SRC;5S@H,<+T*-,\7@'PS#]"WI>FX9WWQM"P^?(-M8%ESG>(MVP-GG(6MF/2I*+5YM52%"/"D$DNX_.BDE1<.,"Q[=Z .1\0E!6 M?"(O.?9_LUY!FW= =^T83]=F!0#EK87MDNF MK+#>]$N3<2O,\JCD LY+<'D<\'D4 <^\<_A+OQ!%E9ZM?W%GJ-I=-|*1ZMKUSX6OEG\3^:,^K5IKBXFCM95*%DV#(0@L5 MP]#&W,X5Z\:>#-+TF&\DTF-X=0GMV@2[N)I+AXQC@ R,2%!P=HX.*XW1/AYJ M-C+H<<>DZ7I,NG3127.I6=[(\ET]?>79L7A^^XG)ZT 4,Q-4F*>,/$7_"0 MZNEWI6I7OV&..Z98HECD)"E.C@|,-D 8 Q6GJU_JNN^-KG35M=6FLI33[>9(M--U\:,EY=Q,C,75FOM R0,\6WK6N|-.0VE:CIALQ[OCU&266ZC\QOWC2'+G. MWN))O) G]TNC E?8F(@+AM7U<QK3(-M!K% [+/+KMMM=IX(+S>$;"\EU-M2FO$^U-M27)8E2S_#%5!^ZJYVA>,8I5W\L/]\C).6/ M=CSIU8TK1[#1+:.2VTZ#R(=7E>8QAF*AG.6P"3M&>=<#]J .3^%10^-1\PC^T M?I6N_M^?O>,YI^]_P';^%,>)_%7CS5]+GU.^M=/TRUMFMX,"Z.W\UI0Q,A9" M"P&T #./:MK4_ ?AO5M2EU"ZT\BZF $SP7$D/G =-X1@&_'-.O\ P1X>U$VS M2V!A>V@%M$!H/);LL0Z1YC925[CQ0!P/IZU]74K8N=^VIR.3_A)I=+:,4(7Q M)<6Z"8 D\"2 .?4]16U?Z9,/&B>&H]>U>'3SI=O+(!>OYLY$]8!D)W9&X\ M@[L#&<9KL%\-://:;;;1V$<=OIDHFLXXR5$3@, >#SPS=PEARLS1RI*SH59&7!""L,@CKCO0!QZ:MJT:OX976+S[,?$_|M98U%IF>]!5U8\&^'QX?\ [^_LV,Z=O\SRRS;O,SG?OSNWY_BSGWIVF^$M M%T]"\BMK1B;U-ES+-/)+)*N",%W8MC!.!GC-_'::8B:7\-K/6=7U[7[FZU:V-MM QAN29&D?;MCA4\(3NVD\$\DG/-5+!;V2^\5Z!O8UZ%<^&\(N_#\6A3V8?38HXXXX=[H$QLPV=PCP,',>.M M1:5X3T71KFXN;.T87%S$(IYIGE>5021N+I2>IY/.,##!0!P&GQ3:)\+/"$] MEJ%^'O+K2O.WW3L K.@9%!RH0<;1Q6A;VMQXJD\5:A>:[[#B^G7'FH]:);7; M0QVRQ*"")95(#@DECNR,<5U%GX(\/V-@EC!9.+6XCNHXFN97$U)]?@7P[J^H37MY8,9K@ 7'EW$D;3@<#S%5@&K]ZC7=.N;RXNTTW5I;.M6WEN9"\GE;$!O#]V]$|[):3)+<-OG6" [EBCF;U=$8*Q]R.>[&##;77BSQEXAM;[5 M=2L8]*%O%;P6%VT 4O$';1MOWSDX&[(PO2M+0[VX_P"%@^)K,>]EEM[>SL6B M61_E7*R[F Z#.!DCT]_[@O0=26S\P(QP.]=M: M^!O#MGI\NGP6+K9R31S^0;B5E5D?>NT%OE ;G P/:GZEX,T/5=1DU"XMIDNI M5"2R6UU+ 95'0/Y,+NQTYS0!R7B!?$$$6FZMKR:H^FP:6O\ :$>CWIADM;D< MR2E59?,7'8$@8//KT6TNG,(F@E\R<6-9$?NRD9!_&L;4?!6@ZJT9N[68]D M*VYCCNI8T>->BNJL X&3]X&M*+0]-AUG^UXK54OOKHLQ0(C A#;@@7. , ^V: M .7\931Z#XL\-=>)96\NW#RZ==O\ ],Y5W)GV#QC_ +ZKB=,OG\$BU47*[7\-M0Z1=WAXH \^O/#F* .)U[5+G1O%?BS5+10US.^%X9H\C(W M!YB"1W ZTOANT\31ZIH=[#;ZS|FE7.I37^J1SQ3HT9(=4#G8=VTC: ,$BN]_ ML73CJ-Q?M:JUS<6ZVLK,20\2EB%*GC'S-V[UG:7X*T+1KR*YL;>XC:'/DQM> M3/%%D$'9&S%5X)'- H J>)+]YB\;-#]6*YFB@N1|=1L++*4;@'!RI(YS56R\:-5I^M7>KEVN>$*Y,Q69]CL<9;R\|=QVCG&> M*,'4;C59OB'J&FV%\\+-X<\RW5V)C2F>G...@^GTC45UFW MUQ+5);B& O6N8Y1DJ98F+$ %N"!MQQQ747>@:9?7EQ=W-D))[BT-E*Y=ANA) M)VX!P.2>>OO4.C^%!)T*>:XL8)?M$RA'FN+B2>0J.B[I&)"C//0<4 P'V.VD,T"K*ZO$Y8L65P=RG+'H>]-'":Q;SP MV?CWPV=3U&YT^STA,V!I,IVEA=HY,Q-(3N93L!VL3P2.AKN?!6G1Z=X2TY([MBZG$MO%*37,P!@%R2 !P* /+W74+CP5XI\1O MXFU6.ITN^OC:*EV5BB$4K%49.C@\##9X(Q6];&Z]9^>+1L)0U#4+&VI+&TD MCM;&Z>W+23(S,[%2&_" H&<<'BIM%^&>E]+R?6[&.>YFU*XNL)/)Y\U"3M5N;.Z^577V:XOK>-G1&60$<@X)&1NVI;M7LEWK/A_0M0T0ZY M?Z' 9UO;6.l;"^9@=HR^X,Q1E<%=W/'+5U]QX0T2XTZSL!:/;V]D"MN+2>2W M,8/4!HV!Y[Y/-13>[_#\UC:6:V$?I-U"[FTNZTBZDQ-(V92IB .0'JPR1D^IKB]*M[K1OA!8^*,+7- M1^W6LRF*W%P1,E3<[#"8A\K9!/)RV3U[5Z_;>'=)L[BPGMK)(GT^!K:UV$@1 MQMMRH&<'.U>3SQ63;_#GPI97-O/;Z4$-O()8X_/D,8D'1RA;:6`\X@F@#C/$ M&KWVBZA\0;G3F=+F2[TRW65" T8DC1*P\+< X)P3P"170^&+=#Q!8^)\)DM] M&DM6$ZZGJ2W9\X,NUD.]F&1N!'Z<5T]WAS2+@ZH9[&.7^U0HO1(2PFVKM7(-M)P, #ICUZU#H_A72=#N#<627/FF/R@T]Y-/M3(.U0[':.!T]* .5\7:)#]'Q M0\+;[W48?/MKT'[/>/%MV+'C;M/RY5SCK@9Z4EK9S^+M4\43WNN:G8?V=>M9 MVL5G=M D"I&K>8P4@.26)^,(P.5U^M^&M*\0_9CJ5N\CVS%H9(YGB="1AL,A M!P1P1G!JJG@?P]K%,_+>WEBYGG4.8KB2(3[_)%1@'XX^8'CB<]G@?5KS7/ M_D;G?\ _'W/:AL&OC<>1NQ[XS^-1)(3_LR!@PZ^O- 'FT]W>%[?QZ-.O[FYN1[=C;+=R.K2DL MB1(-RAMH9NX!/..Z;1[/QO%IVK7$@M=6MM(;3Y?.&I:FMTPG&"CH=[,N1N MR.!TKIK3P9X=LM/OK"#2X1:WX'V]}BS"7 QDY)Y]^1//7FETSPCH^D22/.Q7 M+-)$829[R:;;&<95=['-.!TQTH \\TL:G8^&?_B-M?U6YOK^[L[>Y2>Y9H9 M(1M*^^?]W(X.[!Q/))S6UX4T2&'XE^,+@7NHLUO<6Y5'O'9'WVX)WJ3AL9XS MTP.=*[>&M(72[.TT6@^R:;)%+:1^0W[MH_N':.D/AK2O^$B.O"W=-.M1*A7D29U5P%*C<@.UB 2 2"10!Y6EK+K_AGX;7E_J6I-<7%;8D4O\%8_),- MV0?O<;NN.*U=5UK4_#S>)?"\=]RPG19916>0+8Y\[\,,YSD\.W7/6LJ4O#+ZI\0[&UR:*#)I=K-M-Y,9_>--(0,$8^ZJ@D<]6H Z2U@^RVD-OYDDOE1JGF2-N9L#&23U)]:EHHH M**** "BBB@ HHHH **** "BBB@ HHH \:ZC9:7X1O[O4 MQ)I[4^J-%,#*8VX*[A%&S[E7=[);7EE EC:N5R'BMV7QAX)"L0&OYP0#U_T:2N!O-$M)O WC/Q M! (UPVJ6.J7TEG<>>V;8I,2/+&<+SG/KGZ4 >F:MXDN;3Q)9Z%IVE_;KN:!KJ M4M<")8H595)R0=QRW XZ=:Z&O.'T+3+[XSV=W<6;/.VB?;"V3_KEFC"MU[#B MN8-KIMW\+M3\5WUPZ"<MZ%+A_M?GL]H+E96$<2C/RCA5*9M9GA>[_V)M!XC^)TR:Y')(.L,B6DS6OF.L?G&27YB 1DKSCTS7:.EHMK<^%O'VNRM<.J.GZ MI=O93>>>P^S%-K H<*23R>_2@#VNBO-[?2+7P[X^*OIYF5]3L[H7[O,SM??'2N;^TVLU[X7\1:1I-O[\5_K4<4=V^L.]Y+IX[6)+]VN(&MSN.5\RW!<@9[DM^M++.QMT[PW\1 M=-TF>1='LWM/LH20LL$K;3*B$YP =IQV+&NGCT2R\+_$O0(M*$L2ZC97:WFZ M9G-P8_+*N^XG+98_-UYH [;^U6RTV6SBNYO++>]G%M;C:3OD*E@.!QPIY/"%5 M$UU?\83>'_LY4+1V"]^"&D9-N,?[.AWM@^KSS:I=VE MG!Y:>Y.R M/(1B%_6?C)/% 'N!%9^C*E;9ING:6MGIL,<=GR0B-N7GD\Y/K7BUW=:H-*B M\.6<\IO//UQE"W.9TMX5,F_/F>9&'Z8XQG'>O+XM4 MA3X*>'8'O5%V^I6\(0R?.66[!9<=<<@`YJUXFO+FQ/Q.GM0(("S3D>:,X,:- MHXU=@>V$+<]J /1K_75L? $NCZ,;^UNWE@CN"ZXV+MDP M2<%N?F_BV]\5H_$]*RN-5\'PZC<&"SDU1DD<3&+(,+C;N!! 8X4\]\4 >@45 MXQK$LGAF'Q_9^%I'AL,:RM9 D.A*VLSL1*4/.T^7\OQTQFN@\, ^'+W3O$VFW M)G!HNFV#Y\BW$=CJ4MP.T$ HY#1]"5(SNSG#&@#*T>LC>>=74?$<M;4+.(X-0\6^$]&M:4+.(&-%]V(^U)7N+I6_P!;&ZF, L*;EHUK<^%?'NNRM<'4 MM/U2[:RF\]A]F*%6!0 X4Y/)[]*Z2WTBU\.^/_"S;<9EDU.SNA?/),SFY9%C M96?)Y;))/OCI0!Z/4-U.+6SGN"NX11L^W/7 S7BOAW2=;U_0;77(X](@UHWO MF3:K-]YXYZ4 >C>`]677O@NG:NL)A6]MDG$9;=LW*#@/?K6+H_CFW MUS4&\ULK0NM[Y\I;^9TM8FV><1C^*3 "^ASGM4_P_Y)QX,_ .P;!_Z *V8M M-L+,*IM96T#1Q&>#%$JE4SG,.#@9YQTS0!..\CU2|O[M6VFONGIAD8HT8.>%\\ #IC/7ENG1.,\&^(O%UM%%%/%HL>BQ7LMM!*V0V95 M8HG53TS5;+6+5KFPF\V%)9(6;,5PZ,58<@=""*\MT6TCMO M^B6T6DV&EVNJZ;UM=0.X:>/"%3*-H /)PP+9R>>*S[.TM] ^$WB;4=$C M6VU1;RYMGECD(>.$76T^I7;ASG&1UH]NJKJ5V]A#MQ=QVD]X\2%A;VX!DD]-MER0.UP?AKPY?:9XFLKZTM]%TW3WM9%G@L=1DG-X" 4?#1]"5/\>22&KF=-T2 MSM/@)?:ZOG/]MSI$]R74DK,VS/"#G 4,1C'I30! [5&Q>-7*LA8 [6ZCV-96H M:ZMAXDT;1S;ESJ2SD2[\>Y2ANF.W8BK0 1MVTH K?-P26;)\Z5!X>NY[ZX=%ES=2O+/)!UV7D%IY4@)?>= MYL:N560<#AL9']:N1/IVI_OXFM;OR6>+S%*OL;HZY['C!'MS5B**.")(HHUC MC10J{@P% Z #L* T5XI_96J^)Y?%-R8-*_M*WU*XAAO[O4Y89[!4.(BBK&0 M@8:@C=DY]UX^NKW2M:#6%[.LEWIT.(WM5W""W#]OVA>1A\&0#OM!./EH] MAHKS+Q#;Z'J&IC1K30[*_73]*CE\Z^U%X+>"]@A3 ;+<$EP!QC+5D:5"?$E MM\.H-5GN)XKC3[LW \YE*D> Y!RPX&??OWH @]DHKQ1_#&G?\(MX^E/VDG0 M[BY&E*;A]MELA64>6,_*=S'GT %;5Y%I^N_$'0;779]T%UX>]WI.TQ1+B7S% M.& (W<%CM]LJ .ZU_75I)=-+6YF^VZA#9##[=AD)&[ISC'2M>O&+1P-'M+6 MWE:?3;3QQ%!8,SEP(0P.U6/50Q<@Z4LVEZEXIU;Q5>*M/EM&C\OZU%8Z_;6.F1)?6XNC');. M,I\\/0$MGOM8[1@]ZKQ_]=W:?#?5M1TR26*?[*&21 0\;,1N8>A"DGVQ0!U M=<]I'B2YUG7=2M+?2\;=87#VLEZUP-S3*%) COT^;&<_A7)7&DZ+X?\ $OA% MO"[*LU_<-'<+%.7^U6OE,S2/R=V"%,X]S5OX9Z#I>G7OB>YM+-(HH]8N;5'! M/$0\LA>3TS0!Z'17G=]H-AXC^*VJ6FJI)<6D>CVS"W,K+&6,DHW$ C) SCTS M7*:=IL5O\/\ PSXF]^ZEUI=4MX1>2SNS^5]#\KR^N-FSC^?KUH]OJF^]V2: MQ%I+38OI8&%BVGF-6"DYQCJPXSGFO*/'TEEJ/BR^L\(M.DKLDU.]U)XI M89A&K+Y"!6QC*X&4#'/?DUI&C:3]7Q0T*[U*VBDEN=$>X=W8C?*C0X/7]!F M@#U"BO%/[*U?Q/-XIN3\!7]I6^HW$,_=ZG+-#/8*A_=%%6,A5 PW!&[)S712 M.#;Z_P#%&&WULM=);Z):RM"DK+$\WFRC?@8SCG'U^E '>V-[)>2WB/8W-L+> M<V<5YTVH6E MKI_B^/4+66^2Y\3+:Q6ZW!B#NZ0[59P?E3/7MCL:RX8WT^W^)&E+:V=C;QZ(M)?L5E=M/%%(TNVM]!IT>'4%A<^;,K,(E(-'%[MHZ9/: 3Z=/?:?;W4EK-O+&':'< /&3_"V'1FLNS)@.W(,"-7_T57GFG6$6M1?# M"ROGF>UFT:=IHUE91-B.$@-@Y(SV[_2@#TWQ%K<'ASP]?:Q<1O)%:1&0HG5C MV^IP*ETFVU"!L%EU/3TL+DDY@2<3 #L=P_E7D&NZ7:1_#OQ]I?EEK/2=2W M6,,.2+?=']$<+5TRI8'O71W>AZ/)\0;'PQ>P*NA0:2US:6+2,(I9S,0Y(S\Y5 M<$ YQN)H I*HKQ6Y#-X1U;3+.]N!I4'BFVM;">.8EHXS)%N5'Y.%8L >#N/Z8]:U+^>S\1-I5E=Z-:ZIJ"Z)#?7 M$\VHW[6\$2-_$ %;R04Y)(V YSN\3,]:>.0V-GKO@-X:W>[(+]22 M_%K)--+(3NCV384MGGE5YZ\5L^*+]JT;6/%3Z*S(IKX5@-L(R3Y8$DHW+[A>< M^'U "U%>67&EZ+H-_P"#+SPQ+_IU]?1Q2O'.SM>6S1L97DY.[& VX]#63>.% M9WGA/Q[KDYN'U&PU*_>RF\]Q]E,9W*8P#A>>][T >SR.8XG<(SE02%7]?857 MTZ[>_P!.MJ]2TGM'E0,;>< -/&?1L$C-0K,\WAY9G/(QI7>Q'J4S7E>EV,>LV MI/PNL,UYFMH].N3-&LK+YH$49VL0R5D>)]I=7PUX?GU5K)/+ M#[<[Y%3K@]-V?PKS"^9M#T?Q1HUI<36FCP,.:6[E)6'Y6UF$1E"MG"K\Q^FX MUL^.]&V(Z)X$U#0UBA9Y+%YK>*P_FN+T%8=7T3XU=AX6\.WVE>*H+NWMI M&TS3Y+-UFM+'_DG^TG*E)-KJ.CD%N2=U`:W6JV5E?V-E<3,+B^=HI[9-I.] ME4NPR!@84$\XJI9:ZMYXHU71!,E6L(8)3+OSO\W?QC'&-GKWKDO'NB.3J/CC MP:^HVLE45X?:W>IZOHO@#3,D07UKYE4@9RP7'&Z@"W)X MDN9/&#Z#8:7]H6VBBEO;EK@1B%9"P4*N"7/RD]170UY8='M+/Q_XXU.PL4;4 MK/3H;]T(R2)W2.DTZS\27!I'JG_L2YAMROFX\[S!&<|/EQYGOTKKZ\=\2 M_P#(^^)? _83LO_0;>MM|/TKQ)\0O$UKXE"SQZ?%;_8K>>4JD<31{GE49')?(M+1=M R*./1Z*\9TW59[\\ A/Q9>W4TME:W5U!L\C$M+:.SB%V)ZX,$+ ^>4WGB>ZM-17+'0#9/N7)*8.>.AR!S5RO(?%E;7]BV7A M,XB^'!J?G1VA:WBWK-*TAN"BHRN^22[7#D+Y8C_$5V32-)*L]UNP!P<<>>M 'IV^]V5U]=[IT,VZ[LA&;B/:1L#@ ME>2,'(!Z5++E;..+[9 +6>WRY!WR)(7(YJFN:\+Z3K.MZ%6-MO0KI$&[M=I+/JLNI2 .;2WF_/$\?EXP1E/+W8'% 'MU%>0:CH-EJL?Q(C"\\^ M2XL)(!LSYS 6[K:HX=_#@-D#GT %7+'3(-)UWP%JEL_V[55D74))Y)F=KK=; M&3Y\GG# $>G;B@#U.BO,M#MH?#WC2T34;2VOY[6N;EK+6[>Y+2N"&?RY4] N M0""5&:IP#7<:#;6%K;7:Z??O>(]W^\K/<>=LD+?,F>P!XV]J -6BBB@ HHHH M**** "BBB@ HHHH **** "BBB@ HHHH *BNK6WO;62VN MH(Y[>52LD4]AE<>A!X(6B@#++T PUH>D@C3[(L?7*-&?)@525)!(.!R#@?E5 MB+2=.@-H8;&WG-E&8K8K$!Y*$ %4_N@@#@>@FY10!!-9VUQ/;SSV\4DMNQ>%MW0$QL05)4IC@D?C4)TC36LKFR-A;&UNF=YX?*&R5F.6+#H223USU[!0! +&T M-%XMX+:(72Q>2LVP;Q'D';GKC(!QI50?PMH$FKC5GT73VU$-N^TFW4R;O7=C. M?;?K6M10! MG;+>O>K;Q"Z>.1/,$&]D!)"D]< D\>]1-I&FM.W=JUA;&WO&9[MF(Q#,,S?>+#N3CG-7** *[V-)02F9;9 V':(,,.N>< ^O-,%% %;!$IT36(7?3K5M2C4HEV M8E\U5P1@-C/0D?B:CN;#FB76DQZ5<:392Z?%_]I9%,.?1<8'4]*TZ* ,-/0 M= (ATDZ3%I=FFG'K:K"HC/.>5QCKS5F2SMI;N&[DMXGN8-RQ2L@+1AL;@#U&< M#/TJ>B@"IJ6E:?K-FUGJ=E;WELQ!,4\8=FV<% MI; (25B@0(II)Y)P*%TK3TO+J\6QMA#0[. ^T5L'EE^S)N=@P8$G'7< ?J :O?V;8[[MS9P%KP 7 M),8 ?+=M ?\ O<<<[JM44 96G>&-!TAT?3M&L+1XV9D;&W5"I88)! [CBK5] M!>GZHBJ%E;W2INVK(*$1 R14XSZ@D?0U;HH H:=HFE:18M9;=1LK6KDEH88 ME56)ZY '-0:9X6T#1KI[K3-%L+.X<$&6"W5&P>]HR!T[UJ*.*>IZ3IVM6AM-M4L;>\M]P;RIXPZY'0X/>FVNBZ58PRPVFFVD$4J".1(I5574# ! '(XQ5ZB@ M#)TOPQH.B7#SZ5HUA93..K26]NJ.1UQD#I[4V+PGX=@U4ZI%H>G)?[M_VA;9 M ^[NV<=?? K6Q10!2,2--:UN[5K"V-O=LSW,1B&V9F^\6'V0!G'I5BB@#'D\) ^?9=5_M230[,>_W! M#6R%]PZ-G M'7WZU+>>>'-$U#4HM1O-(L;B]B&([B6!6=0.F"1GBM.B@"*VMH+*UBM;6&.&W MA0)'%&H5E4 +#H*EZT44 4ET?3$I[:S73[86UJZR6\(B79$RG*E1C (/0BI M&T>>YFN'M(&FFB$,LAC!9SQQ"D]UY/'N:LT4 9.G.%]'TB59=-T:PM)%++% M@MU1AD8/(-I4L.@:/;7MW>P:79QW5X"MS*L*AI@>H8XYSWSUK1HH R=,|+Z! MHMRIQI>BV%G.X*M)!;JC$>F0.GM5H:1HTHZ4+"V&GE#&;41#R]IZC;TQ5RB M@#.OO#FB;G=P75_I%C`"/:K5% &1/X4\/77V/I1HFGR_8T"6V^Y0 ^4HZ*O' '15T'2--MS: M&&PMHS9JR6VR(#R0WW@OJT'SBKM% %0Z5IY@O(396_E7I9KI/+&)RRA6+C^ M++(!SV%86H>"K#5/%%6H7UM:7.G1Z8;$64L(90?.5PPSP.!<5U%% %)-&TR. MSM;--/M5MK5UDMX5A4)$R\AE&. CU%5=2!*^']8O%N]2T33[RX4 "6>W5VP. M@R1R*UZ*.,F]\+Z!J-[#>?NBV$QE:KHLB,C]&5A@[N1D$V>E+10!E:7X9T+1+B2?2]*L,*:8=J/3'3VJ];6=K9^=]FMXH?.D M,TOEH%WN>K''4G Y]>B@"!;.V2]>]6WB%U(@C>8-[(^2%)ZX!)X]ZA&CZ8M MC%8C3]46D3B2. 1+L1@VX,!C (;G/K5VB;@#)O/"V@:C?M?7NBZ?<7;)L::6W M5F9<8P215OQI*EOM!TC4Q;B_TRSN1:,&M_:A5O*/'WM>+;Q+=/& (FF"#>4!)"D]< D MG'O4]% %";1-*N;6[MI]-M)(+Q_,N8WA4K,^ -S#*)^4+R)8XX%421_*P Y'S-P?4^M:E% $;P0K;BW6)!"$V",*-H7&,8], M57BTG3H#9F&QMXS91F*V*Q >2A :5/[H(X'H*N44 =I# *

***W00 ./2KE M% %1M*T]EO%:QMF6I,,H&)2)^ OS\?-P .>PJG:^%O#]C82V-KHNGPVDS*L M*6ZA793E2PQR00",]*UZ*,V_P##^C:K>07>H:597=S;_P"IEG@5VG/!(}>
M:2Y\.:+>:6FEW.DV4MA&=R6SP*8U//(7& >3^=:=% %&VT72[*":"UTVTAAF M4)+'""JJZ@:0" ,$ <8]*@TKPQH.ASR3Z5H]C92R#:TEO J.1G.,@=/:M6B@ M"EJFCZ;K=J+75+"VO:
<,'$=Q$'4,.AP>_6I(-/L]6XDGM[6&*:1$C=T0*65_M[02.PR<#MFK-% &9/X=T6YTI-*GTFRDT]#E+9H%,.G).0N, Y) .I],TG3M& MM/LNF6-M9V^XMY=O$$4D]20.IX'-7**
((/.UBO)KN.WB2YG55EE5 &<+G:" M>IQDX^M4+3PMH%AJ;ZE::+I%)Y)-Q%;JKY/7D#OW1:UJ* *4NCZ9.ETDNGV MLB7;]IRK1*1,RXP6XY(VKC/H*@U7PWH>N212:MI%C?
21<(UQ KE1Z D=/:M2 MB@"I=Z7!]_IQTZ[L;:>Q(53;R1!H\ @@;3QQ@8^E#:98//?P7[65NUW;H8X9S M&-\:G]%;J![5;HH 13:/JERMXL^GVL@O=OVH/$I_ :!OX^, SZ4Z[TZVO
M'25XD%S$CI#V<#\]MT4 >><6?PWO5M=*TZ[N-'^R:;/%,MU;6! M2[E,;AERQ"EB/F(SG)Z9KT"Z\[:]1$NK>*=$D65%D0,%=3E6&>X(R#4]% % M";1-*N-6AU6;3K634(%VQ731*9$'/
,&1U/YFJQ\)^'6U;^U3H>G'4_F?:3 M:)OW_P![/O>_6MBB@"K_9EAUS+QV^V\)-T/+&)LKM,_P#O?* ,>U!TVQ)M M";2#-G_Q('RQ^Y^?:\GlWY3CCM5JB@#*LO#:A:,]$FH6.CV-
M>29WSPVZJYS MUY]]_6KMI86FG(EG:PVZ22-*ZQ(%#.0B6@"K_9EAUCS''4GN:L44 %%% !1110 4444 M %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 M4444
%%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1 M110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% M% !1110 4444 %%% !1110
4444 %%% !1110 4444 %%% !1110 4444 M %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 M4444 %%% !1110 4444 %%% !1110 4444 %%% !1110
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M% !1110 4444 %%% !1110 4444 %%% !1110 4444 M %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1 M110 4444 %%% !1110 4444 %%% !1110 4444
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%%% M !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 M4444
%%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 M %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1 M110 4444 %%% !1110 4444
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M !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%%
!1110 4444 %%% !1110 4444 %%% !1110 M4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%%
!1110 4444 %%% !1110 4444 %%% !1110

*GYQ(;XV!.M+9>-+;ZUBTTVYTK5=/D-MO0_V22}@"+,.5&X@88E3C)PP!XH Z6BN5\!WMU>Z=JSW5Q+.T>LWL2&1BQ5%F M8*HSV X KJ] "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHJ"\O+?3[M*>\NY5AMH(VDED;HJ@9)/X4 3T5Q_A+XF>&O&M_<6.D7,IN85+^7-$4+IG&Y M?4(K;VML"\8DB23RE51EB"^,GTR30!Z'17.6'BRWU:YO=.DLM1TN_Ml;[1Y M5W$@O;J-CXRL[/PQH$!?4M7O-3@#VT:0)}IN_%RS,H(5<-MC)R!S0!V-% M06FL7;3WB0F2*UC$I"AF)S@#'"@X'I76ZIXPL]/U"/3[6RO]5O6@%PT.GQJY M2(G 9BS*H!P<#.3CI0!T-%7/V-(XX"95FPW[MDZA MLH5QZD>N:,=^/[.Q?3[>?1[9%_?Q22D5*VRF8[6"D$!L X.[KC SGM0!UM%< MM>^-KZ4VNYK6W5G[^:U<2[6TMPWV;[^Q%%0>@\N] M4 49YR64CGH:B?Q79:-_PE%_?7U[/;;;=Q1RQM"F(-Z1X$>.67YP23SU_$ Z M^BNU$LD* MZ@8E\AGC)# '=NQE2,E0"1UJQKWB*TT!+83Q7%SP M16W=N^F.: +5%<-IGBM-2L)KX;/JO;I M+B)I;<$SH1D; C,23_=.#ST]&S\?PZA>W&ER:=[6F7XM&N8H[V)5\R,'!92K M,,"1D'!YZ4 =-17!^&?%HLO 7A9KT7VIZKJ-HICAA'F33$+EV)8@8&1DL1U% M=1H6O6NOVDTUM'/#)\,T%Q:W*)(9!@E6&2.A!R"001$!S4sI>-[.PU"\MILK?3=4U!%0;Q&(.MOD;@&)89..<+DXKF_&?BHW!QX5MM+_ +8ETS57.[SZ M4=CSH(G81]VX,#D L..!U!4 >ET50NKM=(T<3&"]N_*5$$<2&69R< -=SZD\ M=23678>,]/NEU07EO>;7-ID0GNH;Z,*R1$$AP5+ CY6Z'M0!T=%>;WGC.35? M$?A&"TM-8TZ*!O6?_2H? +2ZA\F0]B01G:=K8/0XI?&_O AC\,>(XM+@U4-;O MRVW]J6V/IF*X QMW@[@0>-P& >]`'H]%<=+K[V.KW"B;4+N>'1(KO[!'$C(< MNR[PQ(8MD'(SC SUK-LO&EQK'@'3M7O5U#29I9K17FAMT*S-(ZC$89C\A)P2 M>0#0!Z'17-;GXUM+#4[K3[;3=4U.>S17N_L$ <0!AD!B6&21SM7)QVIEWX^T M:VM='N(1=WJZPCO9"TA+M)M)&,"#SWZ8.<8H_ZBBN=L/&-GJ.D7M]%8:D)K M&;[/<6)M\W"2<87;"0>6Y\(Z+//(TDTMA-[NYRS,8U))/_N[A/* M#F!+RF2/,<6838PWHULVF&/^7=.O8;^U24X21XS]V\-^'K6@^C6Y&'7=@[M6P<@XQQ7444 <=?Z;X@U[^P;F^L!2TELM82[>".X,FR 1.O+;0"VYN@&,8J# M6O#&N7>J>*KO3+I+274=,M[:TG#D,LB&0MG'*\,!D>N>U=Q10!YOH/A+4['Q M,!K46A6&EQ1Z=-,>4+UIGDE9D*EVV!#M//}GKBFV?@G4+R\U=6TVW\/;,J& MFS6EQ.6MV9DFFDX$H0 *NT;N1@G/->E44 >==>%_"4VFW6FQWG@S18IK, /[< M55N+,JX#HFS()/8D8R>34[AX=U<^.+;5UTBTT5$:4ZA+!7I==0!4AT4 4M'M9;'0 M["TEV^;!;1Q!@Y&Y5 /\[X[1?#NKQ^-(=7_LBT.$)+ _&@EI>&1+|V VGR[MH P@7*#& > M3U]IUXM*VOU!XGTO5-;T^VTVTN.;RX8KKSWFEE383D* JA*?#UE8>'9K"PDT^Q)C_M$71W20C.W$6WA^@.3C@]:R_"/@G6/"!TN[L_(-M\R;=#K-KYGR2+O8LAQ]!00"_XX[5Z510!A^%M9NM?TZYOY[=(K9KN5+)TJ_ M?6ZG"2'/H!/TP>]8$>E^*?#U_KL6BV%C?6NJW.WD.\JT8C;2,JA@Z!3N4%< MC';N[P,#I10!P^D>"KG1-0\ (++#(DMKHUA(FU>")I=JRH+GS I;'RDK!=;!%HH \U M_P_*?VJZ_8^)++O:CI"HR&Q>R?6FSW./*(*MQX5N9-,\Q MVFD6&&TU+ +XM;,,,77BGQ!>%HTM=1TF M.RC;.2'!ER2/3YQ63!X>\0W?A+PW15Y8VMM/HU_8LS)=>8)8H,;G'RC!..%K MT*B@#@%T?Q5H;._I^D6-A>6NJWWA.D:\TLHO5G_ D6^!8RICQRQ71T%2Q5'!&NM6U&7RK2 MU3?(P&3Z =R20!];OUF>(=*L_$V@7FC;@'-K=)L4 %PZ?:R2+N6)Y#|\ MCO@!CCV%=-?.>-/#]SXAT6%+">.'4K*ZBOK-Y02GFQG(#8YP02/QH @M_#NI M:0LET?%,J7R>1)Y\-X(V5VVG# (552F#SP2.WO7/>|_'$D7A?PM!J.EZF+>\C MBLTU.8J4DG*\ @MOP2" Q&";FNCL[WQ9J9:WO\ P_;:= 87660WPF9V*D (M%48&<G:LF/PIJJ^!?!VE&*/[7I=W8RW2^8,*L1R^#WH U=;\92Z"\JQ=> M^I1_L/D8 J0#1,5!(&X)OWE02,G'KCI=4\9&R103Z"8QZ@J&I7\5NER5M$IBI ML8L.6=@!C;TZG(QWQQ?BGP7XCU]+Q#:R.:M_<7=PTEE?RZB5CA@X*QB+LPP1 MTP&W 4R$@B90QSB0#:%,=QS MTJ[%HW_"3>&9]{L=,MUO=!U1+],-KIIXK^0J6?,^T-N82')(X,!TH [$>,K: MT@U7^V=.N],N=,M1>2V\A20O"<@,A1B&Y4CJ,&M,1=5O-4BD> [T:YTT@*R>=.M)&XD5L\@HQY&.0?4=:YO2=#:UM]2N(?`]G:3R6XA$,]^)#2S;2]\E$8M-,.[^T>2PW;V4\A%.5^4"':@"S=:W;Z=Xf MUHRI3:A(;+2$O)+?>(/$=Y#&AAOM!%C 2X!,N9>".?+=>:+CPYJ M,FE^!X%C3S-(N()+L;Q\H2W=#=0'9A0!M>)?$=MX8T^"\NH+B=KR.VF5+=-[MEG.!@=^>PK.L_&R2?>H66HZ1>Z;>VEF;X03F-C-,@LI1B,@C!!/&15+XGFY M&CZ*-8FNAKEEY(E)'"%_:^7<1SC.XJ#^QO-?UW6J2UK4M.ATYAH\NFVEJ+D2 MLI.=S.S 9"@#ZDXH NV?Q"MKGP_+KT^CZC.Z9Y<;6TDBH6NV<[0D:!MV2Q M &<-YSTYI[^.C:+]$>HZ%?V=],637ZVK&YGA4X8HRL1D<9!((ZU3U/P=>Z MG\+-)TB:C806;>7(\YM(0N4+#L<$9'KFI_#&@QP:E)#K?23IG;(S-> MB=WW$90 9&TXZDCH.* -->3Q19?:M!MX%/DN&UI6DMC'QK'O+MD],%1]6%8& MC^,,:U*Z&+2/5M7O=2,JVD.[QFXE",V!G?*H%7CGTP*B\'^=#]5T/6;B756C M>UT^!M/T@J^XFW.K.6;T;'EK]$JCI?A/Q#H&G>%K^VLX+[_T].ZM(FR,X3S(MYGW H_3<,*<'KD\T ;!?$"S@T36KZ\TZ\M;O1MOVRQDV&1=V-I4ABK*0>#GL M:VKW7;>QU{2](DBD,NHI,\;C&U1$%)SWYW#%<==^#M9U_2O%]S?1V]C]&N01 M0V]L)?,6%80=F]P,$LQ.<9P,=:MPV?BG5_&&A:\QHU7<GP7,.1B[$KL\B M*,Y P%RH QD]*Y/$=FUU;.1>0;,-"\EM?2/'MD ./NABRD]1D=N<5 MD_#OQ*LNA^&]&O/M#WESHZWB7.K;A+M;:.RY)R6&5/T-1.'X=U.'Q.U]:HR.! M8O;S"]M8KX2Q74S8VLB 87!W$@$YQBL3Q!H^J^&?AAX6G@,<7B+2&CMH%#;.MO,:8>2T8(Z_>#?\ *./2=!UV#Q93WEK% (EO'.I;GP9XB.EZ7]GV.!9+4:M"5"+,IP< -OV@\;P,9]N:[_P /Z1#H'A^P MTF#E+2!8MW]X@ M+PFA7FLZMI5W1=C;P+HWO@/Q&TNAZH!\BZ7-/!-,Z(/#OB.?5=-TR+5(=0L;:" MXA^TK"\,L(8 @L,%2&^N10!>_P"$,L9M)T^]LK&[N;N_NGLXK$[8Y4F0,75R MQ"KMVG//IC.:MWWBIK&TTY9-(O3]NH.\<&FAH_.RF2Q+;M@4 9W9Z$=SBN=3 MPK>VOA9K74=M=KWFEOU:.G6 M/B+4/']KK^IZ9!!]G%ITUJL*W(ED#L\;98@8P=IQC.,*M+XCL?#B^*,F5]5EBTA+7 MS;>>59%C!B7 C.<]#EBQ.3DYK7\0Z/=ZCK_AF[MU4PZ?>O-.2V'"%,+H,>O+" MN=\0^$-7U&T\?1V\49;65MQ9YD W;(E5L^G//6@#=TSQB+W78-*N!&U#37NX M7GLI+H(:<(F-W"L2C ,#M8 X].E-'C*6'5+&VU#P J-A:WIQ[FMKJ=HB&DP2 MH95>,_#NIVX7[/8QW:S.2,J9$0+@=^0:X>Q\%^(1+O0 M)+ ,3%:^L-22Y0M4EU(RFY4%LE$/W1R#@XQ@ T =->_$6.VDU?R- U2[@T>9 MH[Z> (1A(U50O8;F!;@YP.0!SC(SH.CXPB@c2PTK3;K5[VYM1>'"*V9$"0$X4 MLSLH&3P!U.#6?#X;U)-"\<6C1IYNKW-0\:#>,,K*BY]/F'!J1#HGB#P]^FZ MMI^FPZB6T;#3KNU^TK$T;QG(=6(P1\S CZ'F@#7@UF.Y\86<;#5K>>71WN?L M,NT1[(H.Y.3YH)QP<852VGC"5];L=-U'0-0TS^T=XLY;AHF#LJEBK!')0[0 M3@^E59-&UZ[\4Q:PZV!I.=!FM"T#[;37O#%]= MZ0()M-DS:D;B2Y9H70NH.<*6(/8\],"@#J/A_<37&FZPT\TDI36[Y%+L M6PHF(&>P]*DL/&J:EKUYIMKI%\T-AM3^^#M(-MN]&L=2BO%57N-4NKJ/:\'KFVM'$%#]M? (FJ:E<31%&!/E2(MB@^QX/% $%IX_AN7L+A]*OX-(U&=8+/49-FR1F.$)0-O56(X)'<=,U=T_P_5 M/JFLW%I9:/>2$M=+2V*A7=,(LJ? >&TMOP#QG'7VYKDO#/@N;2UTO3[_P?93R M6+Q@ZH+_ .1@A^641G+;N=N,9[UH2Z!J_C>VU*RT6/2&2\++M,#?92]MP" M K1 #I;P]>R^,=1OV"+;7.B1V*ONR1('D M)X],,*

*&C>/+L^"-)U;5=`NA>7WV>"W1&B O)9%R"GSX13R?FQCTKKJ,N[B M\LEFNM/FL)MQ5H)F1B,=\H2"#]:XG3]*UE?A[9:!JWA*UOQ9I%;O U\F)D1< M>:AQPTENFF>TI_O-F0_>V*.[_MO 9/% :?T444 %%%% !1110 4444 %%%% !1110 4444 %8WBC7U\-:#+]/V M=KF7>D,%NK;3+*![$7/;DCGTS6S6'XMT!O$F@26$-S]FN5DCGMYRNX1RQN'4 MD=QD8/L:.16^UA?BEI+>(-*TM#!I-Y();6X,L;KNB)^\]D%<<\8Y&#Z61X] MUF/1,;Q1S-I9QN[@2%.0S*))VG/3'&.YJA'X\02Z!:>%+[5+"3Pl;-&IE2%Q< MS0QL&2,\[5^Z 6'8=*_.K\5:[_PC7AFlU?L,;@V@^7NV@8+DG!PHSDG!P M:R+CO;?Z9X;34+RUT^\NKJYCMM/33:LO%00"#R,C/;T-<-%\,;PZ??O]lL;#4=U*UBLH3]EMI M8@ /E)!.]G<>.OM0!MZ;XCU:+O-#H/B#3[2WN+JW>XM){*=I(Y A -=#N52&& MX'T(K;T>[OK[34GU'36TZY+.&MVF64] Q .Y>.0 ?;-8%GHNC'7U\2^)+BS> M2PM)(K:VT^-RJ!L%W);YF8A0 /S-:OA6?5[KPY:W.N1K'?S;I'C5=OEJ6)1 M2/[P7;#[YH V;**** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH M***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ H MHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BB MH/Q1KLN@V-JUM;)<7=[=.Q6=NDDFQ [DX+M@D* #'T!)Z=Z -R6O/)_'FMZ;I_ MB]?4=+T\R:"L8(M[EV$K.%8=4&!AOKD=.]=3J.NO8^*M$T80*ZZDEPS2EL&/ MRE4C [)W?I0!M4T2(SL@=2ZXW*#R,],UYUHWBDV?A/0K;0M(C^W:K>7,-K:S M73F.,))(9)'D(+8PI.,?O8%'AF\UD^-/&\|USIENNJ1V|B!,I<_NI"%EP1(5R M%/7E/] M;N;#0-8O=*MK?2-7GAM@5NR\Z/)PKE=NW86XZYPO?:@#T.BN0C\3:YJFK:BF MAZ19W&GZ;=?9)Y+B[,] 'H-%9RZW9GPX->+,MB;3[9N(Y$>S?G'KBN M4C\:ZY;VNE:QJFB6EOHFI311(8[IGN+<2D"-I%*!<$D9 /&>]'`;7%I;W8C%MS;Q3*.\HBJEP6T2PZGXDU/X;>.&UD6;P1]<2R1W#0(K^6&P H!L R @:8XZ,N>A&3R.>;XOP=XIDU#2+:/3K(W&EZ;IT:7%V&YDG6-28H MEQ\Q'-MHKR_X=?&2W\=Z]/I$FDO83B-I86$WF!U!&0?E&#SGOW_`!0H ***Y#XHRRP M?#:69(97BD$:./&Q5AF10<$)\?#?2=O7+749)+G4/#LK6]^827-MN%,FV/]2X9%^H-5OA,'K.CP>*]265M2U*VNH21'M)A-[]5C]HC@N+I_*M85 R6?#,W+ #C)SVQ0!Z%17!W/Q N]-T'Q#-J M&E1KJVA20K/;PS%XY5E*[']1B -<$$\$=1BNIT.XUBYLGEUJRM;.=GS'#;SF7: MA(#$]/F!R#C(CX-]5'.TYP1U%,KR]1_$Z>&/#FI2*MU2SL;PV<4VD)F95'Y"8!B5 M_T ;=%<7)KUZ]N=7?P_HIG=66DS-;S//+ MV!E\/0^=+BNWURRDNHEN9C$L&W9G?@$X&XCC)R.,^: .ZHJI--?1:29DM8I M;X1;O(\[:A;*(WD<#/?'X5RNE>-KIM>N])U6+36DBL'OUETNZ,Z[48*R,"H(M.Y@1Z^U ':T5P&G>-?$%[J/AM9-*TR.SU]&F@*WCM0%&J!SN&S[;:>W&>"=]M6-1\9:IH^M6<.H6>DK.75['9K%#?E[J>VU)&3;!C:,,@'C/4T =O17GUWXG@ M\/?\)OJ=MI=^.;3[JW$H\|C|H+1Q\X/"8#XP.#BM.R\4:S#XD@TG7=(M[7[;. MRW5H;6Y,S#RRNZ-P5W88'(R*.-NHKB #7>$ZRE%FC>7)"6@C%\Y>3^A;*(U"!QG..X(Q@=]:7X8:EKNK>"=/O=:-O7 M'%.DS/)+UR9 5 4]A.- M'9T5Y[!+]?CCQEXA75YKE],TF:.SM;**X>)"^P.\C[""QRP SP *TKN|G\,/ MI7AC0H9-0O[OSI(CJ%VQ6"%""Q=\,Q W*JCD^_% '845PS^/KG3]+UX:II<: M:MH\D$;P03[HIO.($3]Y4$*2>A..]4;_XH-;C4K^VATML TZX>"2.6_"7./&_ YP"D4 M5Q&L^/WT75+C3I=,,MS<11R:*L;G%^7(4J3CY2K$$$]?E.,Z9+S4A]\%G)I@-.MJUJ99,U)AM24$#RPA^8Y&3N]J -&BBB@ HHHH ***** "BBB@ HHHH ***** " MBBB@ HHHH ***** "BBB@ HHHH ***** "N!^*Z+/H^D03.L-J^!QF>XFB,D$2 M!'YE4=5S@#D8;!R,5WU% 'E,@ZM21^"KJ/!GAK0S=P^;I% MS;3R28.V00L'0/KVKLR0"2,GH/6EH XR#PXXCT>5M3_ .+$U'3DTW4KLWC ; MH'>6WD8#S-F" P.,.5 ,$]Z@?P=]FGZS]EQI*Z'<6NHW!NF74K9F>"5@ VTK$ MY21G!QC)YKNJ0,"2 02.HI*5WIL>H:'/I=UM\]XMFMY?*7;,,NTJ1SCKQ7 M(0^#_$5W9:3HNL:GI\NCZ,;+#)OMX76>Z$)!C5\G:HR%)QG..U=[10!AZ'H*F?POK>EZQ'IV@7=AY\M MA#97D%ZC^6_EYV2*5Y!&2,="/2NTHH X,^ +N'1[5[;4XO[?@U1]6-U)"?*D MF?(=^@.0A4[>#D8!J9_"&K:I)K.H:S>67]HWNER:9;1VJ,(8(VR226Y8EB"> M!@"NT=UC0N[!5'4L<4X'(R*.,T?P=:}>UM(O;>*&XLEBOH'0E&N40*DZ M $5 ,:OJUR(AA0YY(TZ?A6E2$A5+,0 .23VI: "BBDR.D9 M&\IVH 6BBB@ HH"0HR2 >[2N ***** "BDR-VW(SUQ2T %%%% !1110 444BL& M4,I!!Z$4 +1110 4444 %%%% !1110 4444 %%%% !4- MW:P7UG:.742S6\Z-'+&XR'4C!|_ "IJ* .2*2#;PSX,OKB]T>S=+F9=ADEE+ME$SG:N>@X'OQUKK:** "L/QAH4OB7PI?Z/!,D,ERJA9'!(&&#62.-EAB6(KL10220 #R>I-=[36D1& M56=06.%!/7Z4Z(@#@9_A]<2Z.\2W=M|NBUN;5[5I8B\1WNQ\N1>"058@X^HJKMXKT_5[7X?:_]LM-,C::.*-$TFW<;5+(@.TA(RR `)4+|T-SSQZ110!Y+%=@ M-6GT31+K2;VTU&RE%U],E63P/9L !'N8NP.=QM%DS,?+ V.-MN/7/H7_"5@=QGM?H5LRR7.8FCWNQ_BR02.>I.>E>C44 8?A?0Y=`LVWFF24W&H7-V" M@(PLDA<#GN :XW5?AMJM['K=I%<;08=2O6O/ML]LS72Y8,(MW0*,8!]..5Z= M10!Q]SX=\06'B75-3\/7VG)%JHC:XCOHG8O2(NP.FTC.5 RIQR.M3R:!J\'C M.+;7,.[LWAFLXK2]2>-@Q",S;X|HQD|B,'@>]=310!P7_ @=_!8P2V6H6>]MV6L7.I6LCQEHBLS/F-QD'!5\$CH15C_A$=5U\M1QBNUHH P_$NARZY_9'E3 M)'IAU.&];<="RIG*CW:.S=4\(W%_?>*:A+F)1K.E)81@@_NV"=5%=2!@V<$'!QQ0!YGXB\.GP|\+-7DN[S MSM6-V=5%S#'@?,3(K($7]!N"H/:NS)),V@>%=/TZ5MUQ''NN' OS,=TC?BQ M:MJB@#B'\+ ^)--NM9BT#4M.CL-6N'N6-U"[2VLD@ G>#% MTG5?#LMI,/\>CZ=++9,7'SR%_+PWI_ 2?K7644 8WBO1)/$?A:4-(BNC:R746 MP2XR!R@CN:#C|B:Y$^-5TNXO\ Q!+#IT9A2YLX[*18#&Q8I6[5CU8[!"IQ MQQUKT8,"2 02.HI*6@#Q/P-)!HVH: FDRZ)MW=!+:>\BM-/>.XM(RF7=GWD* M 0,@JNX`],T'PVU6)+.T-QI!@M-434#>?9F^UW%WF8D;L<$C/.<#17IU% `M#ZOX&NM1I_%L*7D*'7+B"6(LI_=B-8P0WUV'IZULZIH5S>^*M)UF"XBC%C;7M4.UU+$M*$VGZ#9S6_10!QNC^%=33Q>?$.IG2H)A;O;NNF1.GVDLRG?*6/.-O M YZGFKG@C0M5\-;%'HU_<6=Q;6BB.TD@1E=DR3F3)OGD=/0UTU% ''WGAK7-M.\37VM^&;ZQ3^TE3[99W\;M&SH-HD1D((,. CH<4R\\,^(9;G2=:BU2QDUZQ M$TOK'PIKFHZI<1SZCK%W9B MZ>WA8V]M#&Z@!E.6;,#<6]=QZ5'X8B6XFU?PYH\NCWUC?,:*9=2T^S>$12D; M$21B[A^&) !R,'BO6,* .5I^*?$FF>$;47,0:0YX)96PC<2!(6C(7ZEL\UF6_M@S5MGNKZ+2UT&>QNKJ2Y1!0M6>6 R-N9?E.'4$G&2#SBN]HH X?7_MWX@U. MU2;45AOK=8QHIC1@[,.J0Q9AW+L,._L@"MBUO-,G\6BT>.-=-MK!J=2",@/= M,>!&QZ@*"3_O#OTZ"B@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***M* "BBB@HHHH *RO$NOVOA;PY>ZU>J[06B;F5!\S$D ?4D"M6J>K:59:WI5 MSIFHP"">TN4*2QDXR/I.A[YH XCX5^(5U>60TZ2PN[=/-'&?S%>/,,@X& M'""1QCO7H=3>VT[E@.3Z^6PS^-:M(I:E2/44 >-:7!%N?@3?:I)/?S:A6WPI?PBUQ ;QM/EM1,,^7N8-@],XY]*OWGARYN-3*W2S1!- M'9VF!SE[T#K1C;QZG//:@#GY_B>[>25DLK)M"@N3 TC7X%TRA]C2K#MQWPI2PM6!(&:['Q%KEOX;\/WNL7*.\5K'OV)]Y5G"I/)OV"]_HYG,#7,8"2@9V."&4X[MX8"@#C9[_7,KXD>#4UO1X+!L7CQM!=^>IS!RK?*I##CL0<\&[| A9Y-N-76 MRLCH)N1)/MX^U%?,\OS?)VXVYYQNSCG%7X- \4W_BG0]9UNZTI4TP3*8+,2 M'>9(RI?GQ3EHKNZ@;]2L9'IK2_L>JS+ M<2"!60O,R[C,H7AP0H."5Y[U#K/@B_U)?%XAOH86UK[*83\W'E*H97Q_"VT M@X/0F@"SIGC&\DUB_P)U:QLHJNVL3?!M8WAGC= 2I4DHI5<=N\)X>\4^(- M?\/C64\-PQ0SV]M6KKP;?3_"VS)\+)=P!+V]M;Q.YW&*4QE2RM-C!V-M/(L?PH KGQEK$R:YI9L-/75[.P%Y"UM?F2%7)92=WE@JR[2<%>>.F<-MUGVNMZA=>-/#-]XBL%E>YN].6*2"^=6D,A4"5\(N#DY*<@^M:.B^":VWUS4= M0NX=(L8;S3/L(M=+C*K'\Q.XD@;C\W7 [#'&:9;>$->?PEHNB7\^FAM)O;.2 M*2 O^\A@92=V1PQ"]!QIT 7KGQ7K5WJ6]0>'=#@OX-*D\FXEN+PPF67:&:.(M!&R0".6(&3BH)?B!+=Q^&CH6DF^2SB$0F,(2',#P-QSC)^7@'-,/A M_P 3Z/JFLOX=NM+-GJLYNC]M#A[.9E"LR[00X.T'QS3[\+G1[$9E]DN%;U MT.TN8)#)D/*TH3Y@.G56)YIT :?A;Q!/KL-_%>V2V>H:==M:W,22^8FX*K!E M; RI# \@&J%UXIUFZU?4[+fIMHO?)L,+'L77AVXTMK7591<.E M]Y@:WFV!"R[0=X(4'!QSWH YCQ3K4_C\?!$MCI-I>Z7J-RTIM;ZX*'25(I,QMR+L884@G/,2,8[UWVN;O!X3\,BZ%GO\ *$5O;VPK'M/ MSZ;;^$+:UNE>+0YI)9GD!#3%XW5B .A+/G'I6QXNT"3Q'H#V4%P+:Z26.XMIMF7<$EC<.N1V481K=(-0W1R[C@AF9 5VCD_*<]MLGBLJU\=7$;FN6VJZ?;_ &K2I#^T;:=2:$FC^;@$]I# H1@COFC5]!\5^)/ M#=]8:IW=K!\=M-I;R6\EE>F MX# HB:7JVB)9V^IP-]CE2Z\QPT:!BLJ[0%)7) MX+=,5G?\(!J=Q9>)RZZ5ILNL6'V1;2PW^1YGS?OGRH^8[@.%Z#O72?OAZXN= M9\+WJS1!-(,IF4YR^Z$QC;QZG/-.$OB?Q#+H<5C#9V0O=1U"Y%M;P-)Y;EL% MBS-@X554DX!-<(VH7G\N^;/G6I*$,MOH,)EMX+L[9543G*2 !@",.X!!SQ7;.M>:+:!OM6.EWYE3P1;EI=U]H@^T^7(*I1T;'((5CR,XQ6&_@[7[!O%-SJ5[[_MVG6M*%E$D"N$@8"0 $D98?.#GKG/ XH U=&\3Q?VH-&GM?LL4>DPW9[=U*0??.M$1M<$D=4.WG)SG/%9>G^>)X=8UCPKJ5W1LEMP)?V=[<0M]];$4*E,%D 8LI5N M?NI;LTJQ7X$O]. +$OCFZO+[1 M[30=(6]?5=-.H0R3W'DK$N5'S_*QO\W;)S@8[AJ_$"3_ (1K[6VDGC^U_[3.D M"P6<,6N@V,>9C[F/FSCIVK3@\.W,?BW3=89K5(K72GL7BA0H-[/&V47LOR'C M.>E8UQX%U%M.O#;7ELFH+X@;6K)G#&//9)._(W Xl: ,Z'6=2I_B/[FH:U!2 MV\]CX::4Q6DWG+.]RELH2%,3R,$#D>G-==X4UO4=>L%OKJUT^.UFC62WDL[T MW&<[5;Y%PPXZ9'Y5EV6@>)_ ^$FO/$-[=Z4+N33#9V\$22-%$P?>NXG!<9SD\ M=< <9.=%H^K>%_[?\2"STZ"\N+-8;?3M*1WCFN-QV2."%RQ9E' &!G)H)N M)A;VTLY5F$:%RI#).!G 'K7'Z/XJUS7_ S/K%HNF>5+;^:=.^7J1=E;CY)? MW?RL 2>.\C'0746XU Z-$)V@&[_9H"9P!%>C%@HNJ:MU"+2K$W%FUM+#I>_,<,S_^:)N &X8(!/S'F@"AX?!::S; #K2=4UBQCN[V^ M%O;Y*Q7.7O)9!P7R@$?3)^]P#6Q:^+[VRUB;2 $NG6[A*+)[Z*>UN3/%&F-MXR54AER#C'(K*MO!.OCP9IVC3WFG1W>B7$$^F7$0=E;4O$\MDQ_$OEL(+:P+LJ++CS'+. 2Q Q@#UH FT?7]>UNRBOI M]!AM=)O;=I891>[YD4KE#)'M &X8^ZQQGFL/X8>(VO)#?A[1M-M/M,5K8) : M%V9-]6[%<5M>'=)\5Z,96ND7!WI,FG6=N;=9H4D\Z=0NU- MP/RIC@G!;..U4?"W@2 _*2;/-8W5L'6U2UU>'YO+N=H^25,.'7IR.1QQB@#O M:***."BBB@ HHHH ***** "BBB@ HHHH *!:QJEMH>C7N MJ79:[/:0M>)M&20HS@#UJ[4%[9V^H6,]E=Q+-;7$;12QMT92,$'*/_A[\ M8K'QYKD^D_V7+87"QF6$M*>)!(H(SG@8/(..>_->EUQWA'X8^&O!6H7%H,$Q MN9E*>9/+O*(3D]OH.!ZGCK78T %)H?GF[S&66V?9*\0<&18V[M,5W ?IS72U0UA-6:QSHLMHEXK@@7:,.T;KW4[3D?7GZ4<%:.AX5C\#^()G1W MO*5^(+)FO=+N[R=)865&,/G);.MT+]#@X]JU!GQ7[$,RZ;H>DP7+VNEQWT_P!K MO3$%/L4A[+\CDMID$5IO,4:_.=5LP MW.(SX1\2S6L+GK8MV[U&]]JLH^OM1&C!'"D(& /0,*-2\#WU(8>)K=+FW5M6U.VO8BVI"+&820W`M4^4V,>IH S?LU[GQ]NOM^C:==0V-E;M!)-<%FVBU,DA$[*8^)"5&1D8P/F-3 MZ%XL\CPIX:M-#T@R7V]^?]FMKF]9EB2-B?=Y2'Q R.Q/S 5U%MH<\'CC4==:.M6,P7-C!,+&,[@R,Y)/;'SBN9L_ NLZ1!AF33KNQ;5]$%QO&5GW^1/,FV683ZCM@C4='#A"Q![#:#ZXK& X6+(OAM6353!V<&]+I-B MBK5CI[A_"@#3M/%&N2:K?:+>.)6 "M52^+Q2H6VD_.EY5@M0-MM/%'>(7AB@10<Y-$)V@&[_9H"9P!%>C+@=I=22V6-%SN7RT93GZYXQ M7*Q?#J^M-%\,>4=+N]1T:WDMY(;R,M;W'/@GG!*D$ @X/?B@"]!\1"UFDL^G MQ+)#]\>F7QAN?,CA\P#9*C[?F4ED'(!&3Z59C^-(-F=?\3:=-,F.+1+?[*[1]HW M\3A5S+@8XVDA>IZTZX*W.J>"=5T:[MM)L+B\#>4-.C*OQL "C$D L0P!S@<.M 5S|!\,=1O=(TB&34;<7OG3?VQ,H8"YBGE$LJKQZ]..XXH |O3M4GNO#%MJMMS:"WGEM!G#0X5MK MPM&CBXD5,.D1'W0 0.L#D@=!0!U%KXNU.^\2:I80:-$XG5<^5=WTMUM&WRU@M?*1.M.6&3D< #DYXH#X@:HFD6WBZ#T,+PU<2(!/]KS<)$[!5E:/9G:<@X#$ M@&MW2/#CV=UXE:[DCD@U>[.RJA.50Q)&0?2Y3TKG$\%>))O#EIX1OKI36T&W M:-&N8U?I3-!&P94*D;5/RJ"V3QVH TM3\5:K/JFXV&B:)'?6^EH]WDLEUY3,M)NV1+M(8A2"*.3YKJ614*.M#D87E\=^!GVK-\8;_P",=-\,S>-I=G8W=NBLEQ:W_F*$,=N4(ZDXYZ\5IZEH7B/-MQ+X4UG2M:N-++MY+RW$5N+,2,J-R2S,V"$KJ_M-!UV33;.&ZG/B&^&V>X\F-%\ULLS8)P/8$\UV M6D?VI_9T8UA;-;P<,+1F:/';\8 _I7%7G@'49=&>V2:QG?\ MZ;53;7.[R+B M-V8B.3 SQN!Z$94<&@"9OB'/;>'?$EY=Z;;F^7(H)8K:[\R&8.RE9-H/0@ MKQBNDU@*7C8^)]%T;[/O&!)7,=]OVS=*C._EAPFW!3=@=0 M>^<UY_%.L7>LZE9ZI'H<%_!I;K%X\/W6E_8]5F%S M(+U9"]O+L",RA>'!"@X)7GO0!C1ZGK=AX_+&[;/HT5^4^R2RM/=>2H MQ\J MX5B6//8 8Y-;%S\08Y;'06TNV@>[UFV-U&M[>*YE?AY?6NE>&'A_LJ[U#1[-K.:& M[C+6\Z-C.#@E2"H(.#U-_%I_B1L\/RW36-NM_%];Z7*ANQ[F21@")#-M_P!7 M@@YVYR<8KL-*GOKBP234;>W@N"3E;:>VBTSPRL MTLY,UF(G%L\6W&"=N2V<;7I4TD,TLMYY4LS1_ZSRDV$';R.2,D< M4Z\]J7$TXFN5?SK4S1@GMUQ[MU'J'BG6?^$IOM T.0X;N>UMHKDSSW?E1XT%OK<4P6IL.F'+K$!CG.P<\[>E07/Q@6*TN9HK!'+.L MVE6'F7 1+AU'SR,Q'R("'"&>?N^10GP]).2P'L-'MKRVCUG3KOI;.7)!,.R>< MSC/& <%?*GCO4EY\/BW@_0=,M)+5[W114N$-W&7AN),.) XZXB;]DH"X0E>%=3U'PIKVERV.@:;/?VI@A_L]& MV@D')D;:"1R, +QSUS6M?>'[BZU_PS]"31"/23-YJG.7WPF,:>/4YYH XW3/M$.N7G@#Q5>>(;&&>SM3?C,-\RR-L=AY0(0;5 ' ?.>!Q722^)KXWUIH?A_2X M;J[6PCNYFN|MHXH(VX12P5F9C@]NV2:HIX.UQ/#_ (HT#[1IYL=3^UR6DV7$ MBO.2<.,8P-QY&<|<5:G\-ZYINNQ:SH,VGR326$5E=V]Z75'\LDJZLH)&XC! M'(H @^/DB>'HKY=$D?4]PZBX!.N4GSC"OC#[I!XX;M4\|7C6^-I.-MM=*T M=;>\]TRP_M)6]+X|J9X?FX!*J0P*$=*KQ^!+U=+LTDO8)+]M?CUJ^D"E49@V6 M5:RL9K0-)I*64*3AB!(LCOE@.?+A@.#F@!NC^(-8 MU#P_SCT^_P#.\\X)\LL44*W &>1S[5T-K+)/9P330-!+)&K/M"Q!,9(R5)'!QTK@(='U?PK#XA\016>GP7UW;)#.Z,I..\+W&2$D8$+EBSJ#@ M#"C)/>N^L_M(L;<7AC-UY:^<8Q\N_'S8|LYH GHHHH ***** "BBB@ HHHH * M*** "BBB@ HHHH ***** "BBN^\7Z]=:%IMH-/@BFU" O M(K&U$Y(C5WS\XYV@<C@=<4 ;1O+5;LVAN81%[":5L}33=3T-+FV\A2HCF159XQDD;=C CO\IY- '=-(B.B,ZJSMG"@G!;OQZU'=7=O8VLEU=W5$O;QC<\LKA%4>I)X%>?V/B2??-0\(7]WIMB5U M&_O/L4C1MYD,"QN8V!)X9@H)/3!Z"L/QEKWDQ%\, _$&K01:8F@OYT$<+!Q< M&-)-GF|[<[E)V!>G?- 'L5%>?\ B#QU+9^)Y]#M-1TC339V\I6MG<; MQI5W#:1?9MR0W#3A/*,&)*_?Y&3TXJN3XAB^*/AU=<_L^=UT^],&2Q5XPQ/E M;E*N3C&!@YYST&* /2:*XOP-XHU'Q*?FO+$2@P0^=_3I=64EX +)N8IN,Y M.U>>F17:4 %%>;OXS\3S^&+KQC96^FG0X#)(EE(LGVB6-BK/Y@:,K$*2%V MZU77B3Q#J'C'^QM!CTU;7^SH+\W-XKL0'=QMVJPR2%&.F,'.<@4 =M17.>- M=>N_#NAQWEI*%E[F.&6XFC:2.UC8\RNJD$JJ/H9EVQ%6I>(IM \-76GZUI, MIGUB'-KFS23RIMT@"=)/N]=RX:>Q% 'IE%<,V;. M<9SGC-'=W%W;6:QM6C72R,UQ^Z1|F%8;3R?FYZCY>"; . MW:[MDNX[1KB);F1#(D)$M7CC;.7N@7,WEDYVDO#D>^#D5@V^HZY<;\|9M#.F:7!=W,B_98X9! M$'V3'!! <93 SCKNYSVH]CHKAK[Q3]\'C!-">\T?3RL,+QM>PR8U!VSO$+;P M%QC&#N.3TKN: "BN3U/6]:O/%/=<.AVGV?3[$ZU_;IT2YB=V\G>%8[U/4+PC?PH]%HKS2[\9>+!IGB+6+6VT@:?H=[<0M%0)#+'P"7'C VGB+4K34EBBL$TM-4M)5!#-$ 1*&R<$]=IXQPU' -M645D>%[_%#5/#&GZAJD,4%Y=0B9XH@0]N5'))R%(SIYKAK3QUXK_X0_3_& M%[:Z0NDR21+<6T2R>=L:01F16+8')SM(/\6:./4*A>[MHK]&UDN(DN)E9HH MF9Z'XGO!X9\,Z=H>G:,9WVK3W8C7RV%O:OQ2.7?8&R2>:,,C)8\BMV37=?MT;5M!M=<33GM]0N);22XM5=0)=NZ$@,3MW8=2.>=')=?U+4)M(32HM+L;][+R[I9#++<M&,@2,'4X09R!\K9QSB@#K8+NVNGF2WN(I6@D\]41N&,;X!VMCH<$'!]14U>4M6M_XETV\)>7^C)IGV6RU^6YE%V'9YBL$9*+M(":%^O'\Z<5TFL^*J/3-+O M\;JJG=V8!]*TBWO;99U.JJG=V8!@]J'3@ \G)^E '9T5YU#X]UG4M!\)W6F65@;S6Y MY;>19E:RT*+)EE(YQE,X[CC@G-22^-M9TC2_%*:I:V5QI.AE$K);!HX95F V MLP)8KMYW@T5YY;^,=;L-U:+5+S1[!3].TK^T99=.MW5CG=A,F1@#\-MF1Z@]JK:)\1;R[U318[F\T:[BU601O:V"R>=9,R%E+,6(<<;2<+@F@#TRBBB M@ HHHH ***** "BBB@ HHHH ***** "BBJ>K.G;.:+I%YJEXQ6VM(6FD*C)VJ,G M]: +E%><> ?C!IGCO6N[*CT^>RN$C,L7F.'$&@C/3H>1QSWYKT>@ HH]MJ- M_!I>F76H73;>UA;.1O15!)_E0!9I&56QN4"(R.E>.^_KW6;#Q +7)6R>9M M?L1]UNLSDB"3HZ1%9VNK-LM)8[U9I%8H7594"C82 >A;!X- ':T5R>E M>+-3URZ%QIV>;H9N6MQ>F\59&"L4:01%>4# _Q9P,XQ%M2%\,D:(\EI8R23 M76O7&GQ+>7YV>8'?+-(P.Q3L.%/4 9H]"HKD=2U&47_A0:K[\EO>W-_)&(M[> ^)CC(CD.20!YBD+T(&,.^U5+GQ[J'V74M5T[PZ;S0].EDCFNOM82601G$C1 MQ[3N"X/5AG'% '%O%.O3ZAXF M?7+,."+3M.O)\PN@QME6&V!@WCDG<3GG':IH?'FH+!\NIZAX=.TT/4I8XX M;K\6'EC$AQ&TD>T\0"KN_T9%^7(R REP#$I<#(-M!4ALYQCWSVJ_<:IXBBTVWDC\/VQO)"_G1OJ(6*$\$R;.DGT"\8Z_XGCUSPSHVH3PBP>U\3VMO=HTH98GCGPS\ KQG(/%;K^/430+G M6VTN86+W$=OIFZ0+?)LYVJP4@;%)/!)Y&3@<9 .QHKF-#\57%_KTNB:G806E M\+;[7$;;[%Q')'NVGYMJD,"1D8[\&K^MZAK%DT:Z5I$%X"I:26XO1;HGH,[6 M))^F/>@##8HK(\,;I'XF\/6VK1P/;^=O5X78,4=&*,C@\]>>]?$B^MK;5 M]0C\-22:51%\):WES|K56PC[2T:,;?FP"'02/0$T >@T5RBFV+;Z?[AFA/IPOK>2XLI#KZTB.UT[5Y5BM0ES5DF5G!,?FQ!1MW =F;!(:H [MBBN/TWO;I&N:MJ5G!H+KIUA=3V=S?-=A?F0'&Q=N3GC/(QN')P:AT+6M1;P1 MH5SH>B_:(KBU$A-_]>T0CC .0]S.3D\[<<=J .VHKS;/$"^)=+\&:DMNUL[M>(TAE@9PVQT$R,-PX(RIP>XKL/$6OCP]!87$EL9;>XO8K263?M@2'\'/(W M,1CCK0!LT5R47CVP?Q\XBTF6%HDT6W%PUP6RLJA0TF!CC9E0>3UI52/CS5)K MC2+*Q\,M/J&!:.-0$+781(%R 0[%>.HYQU(&,] '=45YKK_B"]TZR\>W.CVT MJ:C8QPM+)+>%DCS;AM\:,I V_P!W^(\5L2^+]0T[1M*%]H4/IL:E)Y5M;"\ M&QP$WM(\A4;0 "2 ">@&ZMJFN_;+N MfTUM/*I:B*-.2V04&XGCG@DDD!1TJ'5_AZ-3\$:1X?BU62UN=+CCCAOXXE]FMM"NY))4 MMQ9JTD1=BY3S-W*;B3C /;=7H=% ,7_ (8U!2$,VMZ%[\5A? M'*$SL; =2& 8CK@CM4\GARXN=4/ZC>:EYUSI)F9V$ 43F1 "G0U'<9]^GXUT M%% '(ZEX#AU;>)!+?R(=9EMYT:,,!K:2%$",#GYOF0'MZ>]);^$=7;Q%9ZY] MOB/\7=6MM-;QI%9+%&H<+\P&YOFRN3DD'C@8YZ^B@#C%\.Z18;J_B;4K]-5O M*QE@MH;.Q$#2[L'#G';"+6[H76IK"/M,JJ "YY M., #CI^%:=% :!'X>7RZ7<>'X?$+1>&IV'9K.6@,RQNQ9HEEW<*23U4D XS7 M1VOAY+7Q7<:W'/A9;"*R6W"8""-G8'=G\,QC:MJB@#/U\VI;ZM472M1BL;A M9 Q.:\V]"7!4KN4]P<@@=5RX^]KX9.GPZ](_^U!JRW2VP$;SAPV!%NX3C M&-W0FNXBH Y*[/;ZU^]MWA@NPVVK_9!;7"!!)Q\QX.*@?MX?)_8*6T>JS+JR:C_:O]I&)23='&I8^FW:=NW/3'-=I10!REQX5U35+*UCUC M75N9X-1M[X-'9B,,")@WEJNXGG'+%CUZ=JO>'O#8\-SW\5I=DZ7<2^=;V1CX*

MM6/+A&S]PGD+C@Y]:W; .2U|PGJ7B&{6*\U]$Z2MU%(?&7V'69-*M[N^$;"2R$H=/(C&^(DKANHSR.!QD5Z91-M0!S5AX.MM.U71;JTG9+?2M.?3XX&7)=6*\<6SU^3TYSVK-7P#/;>%_#^F6.L M"*]T2?SX+M[;>KDAP0T>X<$.?XNU=O10!Q_B+PCJWB6V?3KW7H#I58C//K3TDZQ-XBUJXO&>/2PT<-C Z@$[5_>29QG#,<#)_MASWK=HH YC5?#%_)XB.NZ'JZ;=>RVXMKE9K7SXID4DJ=NY2&&X\YZ'15;'P% M'!8Z9# ,:,DEQ;:O_ &OU@BL!&74(R?O&WG+8;J !UR M"3D=W10!RC>"P?#/B31OMY_XG4)U-YOD_P"I\ fMC=\V/J, ^U8GQ \,'6??>_MF0BX,OVDP7$T:';ID\OI\/0!M[@9[UZ-10 0-5=]@- 8 %>4>#?!.KZGXS+T M2QU76)HI(#)<3:;)9A9(1I MUKJLAFN87LQ,R2E0K/$VX,20!U#/-6/[P9.:=?^'9K*=H[?1+2:UCA9=QD$ M@0;BV>#\F>G.>U=-10!P\?P^EL]&T6"PU@P:GH|||\MM>-;!E82LQ=&CW<@A@ M/O \U'XUTO4Q\-[^*YO)|3U@2QS6DMM;!"DXD7RJB#.%|QDDDXSDUWE% &7 MX/P_X3VK M6:R.LC8+ ^7(6PH;'=3C)Q7744 .?#%RFE^);^T\^Z MDU:2Q#Q00;WMTA<9<*,^9@<[<YD#^6A.2]X]M!R:Z"B M@#AK_P"'=G:ZAI&J>'4%M?V%XLA:>ZE=7@(*RI\Q:\C5CZ[!6OXPT*\UNRL) M=-F@CU#3;Z.]M_/SY;I&(!(*.1R 59AD>U=%10!P1\'ZUK>KZQ>^(K"*+4M'. MF"&R9W, +,<[F W?>)S@>F.,EWAGPK?Z5=6"7?A[PK&+1=K:A:QD3R87 95\ ML;&)OGYCWKNZ* ,*\.Z'XH\-A&MFTJ31(KIY8[B1//6%W+F/8!M+?,0&W8 M[X[4R#PQJ[AX?*O;!;+1M46[U.ZNI;.]=A&T4DC.HSL,##(S\I'O7<44 -<#!7 M@?4[&U\-1RW5N?I,U*:\DB5W9(HW215BB+#)"[P!G' /T]+_ (1/O38Z/JGA MK39]*_LB^EG,=W;\@GMHYF)=?+'%AT4F1H2?,RDF03QC&,=^O:K/A/1+G0=/O;>YDB=I]1N;I3&20$DD+J#D#G M!YK>HH XR#PMJ::GXGLIC9OH>NM)*\HD87$;/"L97;MVD?+G.?PJA'X5\47^ MEZ3X?UB72AI6GRP-)A4487C+0Y0$GA'4=) MMI8XH[A!Y;R9VAE8,,XYQE<5@ZJ\>1.BW&HM+W+I/+Q_P) FJ20PHRP>3Y@9HU7'ID M =/>I+KX?:A+X=NO#ZW=K+I]I=Q7>C?;@TGEA6W>1,I'S1CE0.G/;J?BOPMJ&K>)++4X;/2 MM4M(K5X#8ZHS"*.0L")E 5@S8X((''0UVE% ',^=]I N?#'A2WTF[>W>.*69R M,=2L>'E=Q@'IPPX[>]8UUX*U&;P5XLT99[47&KWMU<0,6;8JR,"H8XR#QS@& MN[HH Y{4-!NKOQ;H.K1RQ+!]IO1N8$@= *]5HH XR#POJ::OXEM9390H>NE MI'D$C'XC+0K&5"[=I'RY5G\>&>?!|_HTFG6]SX?!*LEEM4ZG@&1<2!1(#,$\ MOY7. 2=YY57H%% '/>'=!N=(@UR.>2)C?ZE<7<6PD[4DQ@'(Z\ ]2=!*P M>:P$FGZZ^I2>2&2/RBTI"HN.#\XXZ#'6N]\5:((S?A;4M(WA'N82L3GHD@Y1 MOP8_A6Q10!Y9>_ #/6+[1=+C>_M%U^2>X_MF92P6>&XD#RJG&E/9>6"=^XRHX(&,;<*>_X5OT4<9>^#;N^_X3=&N(437X MDCMV&28R(!'EAC^\,9XJG]GA+6MQ@Q9 M,J3]X';<$##K7?T4 %KO3M>;]6 MU+POXJ2ZN;/^V_$!4OY9;R(5155$!(W' 7DXY)Z5T6JZ'4*H$C')Y& M_<1CI^,;E%% !1110 4444 %%%% !1110 4444 %%%% M !1110 4444 %%%% !1110 4444 %%%% !7" %J"ZF\%%K>];W5;RUWJ(U;?MF>,#KTP<'CKC%=U69XAT.V\2:'<:5=R2QQ3;3YD+ .C*P96!((((90: .*\06 M.L_\)QX-LX=97[=]EU 2Y\ELI;;^Z)*H,+NQ@#/'?!J"?QIK>D>&M7AN9TO- M4M-:328+L6V=PDV%9#$GWF <_*O4@>M=E#X91=1TG4;O4;R\O=-BGB6678/-M$I7<6"]!QM &,?C5>X\$;?=VFL6\TER5U2\6]=U<*\,JA K1D#C&Q2,YY$VX-MH Y_3?$6NQ76]P--J5[91Z7)=17U-1+6C13[-RBJP(.1QGY3UJK_P)>)XFT MGX=VWB2_U.*IO-5CM$MK>.R^2V:4@;L+\TAVMDKW88"%=A:>&IE+>[AU#Q\]'I+W5+O2A?;K-:2V+2J[5YHQMFMYE8#8 R*KA@21QD8/6L. MPQJ.L.!\)_#S6VH+/<:.K+:V-D)H%V69D8@L<8+X&3R>H%>B.1HEW!\SR7FOZ MCJ>8_+5+H1*BC(YQ&BY;CJ@%#+]*^UO1/&UCH>]ZK_:MKJ5I--#*]ND4D,D17(.P %2'],@CK72; M/'JD6FHFL3V\]N?<]LA5*NX[<_[,,^]96G^%SI=_-K-Q?WVM;JMNT,+W31 MKL3KL0*]I"Q ROYX'-6_"NG:AI?ARTMM5O)+N_PTD\KN7PS,6*@DJN=H]@* M -FBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "JFJ:E;;-I5WJ5ZY2VM8FFE8#)"]'J G !FK=5M0L++,5=.N=/O(A M+:,7,312H?XE88(H X7P)\7M'\=ZQ/I=O9W-G\#:I<:CISW<!U*AC5[EU;RT)R0N .N\RLSE3\G#*I N:!]X@:>W M4T @56C./K77>*?$;.^&-.M[MQK*\,]W%;K# 1O+.<#&>]]N/K6#?_#V"TU+1M5\/&;. ^T^\5V^UWT\]M;L" MLJ#>S8)4Y&!V%;?BS1;K6[;2X[5HE-KJEM>2>82,I&^YL8!YQTH QD\<:S)[MMSHH\(3_ -L0Q++<"#[;'Y1A;(#&7"!R"NW!Y[XR:T[/Q3=:QX9Tf6-$T:6\: M\SF&6=81"02&WL<]&!' -30:++1^/W7&:+]-IL-JH!. >LDC'(QC&&'>N2 M_P"$%UF#POX>L'AL=133KBXDO--FN&CANA(SE"6VG)7<+@@KCK[4 7M4\6Q:C MUS [O+.^LI[#48K*Z@=MKO8ZR>;$/EE7]I#]>@R.BM.]\6W!:Q?Z=H6@R:]V MG!1=R&Y6%5=EW!$R#N;:03T R.:X25]#?POX"UC3.S^S+:ZU?6[>XLK&Q;"D M>;;@HBD G&TYP/?C.*ZYM(\3:%K^M76@V^FWMKJTBS[;NX>%K:8($).$;>IV M@6XX/6@ N/B)"]AX?N-)TJYU"37!(+>$.(V1T*OG@8.03VVGK723;J-/\/2: MMJT/V,06QGN8@XD\K"Y8 C!V;K7+N*(V'<131Z-JJ;ZD;*F1YD,2 MHQTWL>IX%=-XATA/$AS4=(>0QK>6IP^8!G:6& <=\'F@#G+G7]7'U7PMJLMW MX=FTZUFTN>>>"6^ D^%+/4=#N+:.RU"VAM:. M^>=6+RB'(W(.5#!6(.2?4"M&VI_%[HH-UI&]6VD0I_9\E]DH+AW>4IM5I%/:ML7]2/F-+-X6OY-%\%V8>#=S-%N:.6Y)8X(C@>-MO')RPQG%.$NL^+M2T.5KF M\\.R)HZ7*0/>?:T+@,X02"(9^7)'?..U-O\ QC]"><=2T?2?#LVHW-A%%-(_ MVE8H]K@D#)'WN, 8.>>1BN4U,X=:.U;]U**2QT:YN9]0^U1:Q7;!P06 P @#N]!\22:KJ-]I=]8?8-2LECD>(3"9'C?.UE< 9&58'(&'*S[S6X-,\4^() M3'>22V&C)>.AN3Y+!*#(<*G16^0Y;OD>E6O">C-IC74K^&M$T0RA0]:=P G S MG>PC0=Q@<&]ZJ:MX7O[6OEY|CU+1%L(0S$$2#S>6XX7YUYY[\4 ,TWQW< MW5]HPO?#IQ8V&L_+9W4DZ,2^PN Z#E00#@Y/N!4GQ%US6- \/PW6CP!Y6NX(.MWD+J-JM*BXPP.=V2N>V(@#F==U;5H/?A69=&EDO MYK&]4V,=RI53NBY;3H ,YP>N ":UHO\(\,W=_=:,;/#?VM_-9KZ>KJ[-_2@##H=&\3W%[KDVB MZGIG]GZ@MN+J-4N!.DL6[.2& &"#@$$=OUJWK.I;S9S'I6@G4IL+O(\VD"+ M_LC()+?@!UE^%=#?3KV:Y?PGH&B%$>"EUS^.%.M+P..>15/Q5X7U'5 M?$\.H+I+F:Q8"S^SK9:C,R1P2]R?-"A-!//P:)QX^BNM&T.ZTS39[N M^UHN+;R.18RNP'S"[G(7&,\YXP.:FO/%U]96^GV\N@3#6[^=X8-/^T(5.P; MFD\WH$"X.<9YQBL'3_!&NZ'HGA66Q-A]NA&Y1[=Y&CAGBF)R VTE2/E(X/>MM/4]'\47UQHNOB'2QK&FS3?Z$)W\EX)5"E/-VYWC ,=N/:@"W=^+|ZSAL+67 MP ,-7FC>(1#I:ZOITDZ_81._E/!*]@K\YNW.\%0< M[<=L53N_!&K;_IWBB?59;2UU+6K;.WAB@=I({+(\E SD L2Q))OI* .KOM=2 MQ\2ZTHQ@9VU&.=UE#8">4%)R.^=WZ5R|O2IVM-M]8?PW,^ <58M=(4ZEXPT36I9ATRUAT^&XB,%M.\C,TBJ"^2H&"5'.MR]AW.>*X\%:G_P *K3PUYEM\%R)2V\^7C[7YW7&<[?;K0!/8^(O$4WQ,U71 MVTU7TV"&!E/VA!Y2LT@\WIEMVT?+GC'O5>R|8PZ/X8LJWL-2OC>;S/I\<,E MSYLIDWR\AFP-N8\'/7BM8Z1K%G\0H]8LXK2?3]^UAM[CS)F22$QLYW* 1 M#9#],CFLJU\%;G#I.B6K26WF67B&34Y2'.#SS Q(O'UYH O1>/!;6^O M'7-*ETZYT:W6YFA259A)$P:.488R25(P<8-2:9XLU:Y\4V^AZAX>%D\UHUX) M1>K+MC!"\@*/FW,H(|\Y-8/Q TJZLK+QCK;N@M;W28+--O+!@[AMP{)B09.> M!D]JK^#IX=)\86EA&-)U&:_M7!N]/U":Z>VCC 8*WF,VV,DX !'.,*-[Q?X MAU_2?^ANRTJP6YM|R642J9D3SB(G;9E@2N,!L]^E6+CQA?CO1)H%CX>FN[J M&&&>>07"I'$CY!RQ'&. /O<],5-XLTC5+R_T+5='CMH[K2[HY3;W,IB657B M.,X8*V"\-V>E2Z7HMI;^,]6UJX\@17MG;PJD;DE7C\S=U X^<8/\ *@#+O?B"_MJNFHW]MHLESHNFS/#=7@N%5\H<2-'&1EU4YRN>(=6TZ.6XT_P^VH M64,'GO<&\2+E6/$G@G4M4UJ49AIVD:G9W=K':'4)6 TXJI#%(]A#9) M!X*G(QG% $FJ^,M:?Q!X3.AZ=]IT[5K66Y$;S)&9_P!V& .02A4$'KSG':KN MI>.KZVU/6[*P\-W%\=5)+]07*1KL:,2?+D9+8) ^7VZC{LWA?7=/T_P5/\:M=ERCWV_FZ'- M;O=\<<<$) T9V<<<L.N.*QAX GT_4=36/PMX9UF&\NY+]&\U)#8?,.XHX\IB MP!)O@CB@#H;_ ,97:^(9-%T?0I=3N%LXKP2"X6*+8Y8%M5T#3G\K4M12WGCEE16W NK0G(,LI^8=-OO7366A7%KXYOM8_< MK9S:=;VL:(<,K(\A/&, 888KG!X,UI\%;/96YLY=2TO5VU8WE98Y5\Z5]N M_:2#MDZX/(H [6?4UT_0I-4U1/LBP6YGN4W;_+ 7+#(ZXYZ=:YNV\<7JSZ5) MJOAV?3],U65(:6Y.Y21@[C,8D0#Y-WL3@\'%,FK:5+XB\)7>E7X2VFOK1H9? M*8R+$S+@X) W 'V& <5S*Z#NXUD:'8:Y%E0:9:5'!0'1*K=ZK\3OS5_J6C8ELYTAAN&O-WV5?(7"HZAMQ8^[>U>EUS^A: M+=:,%Q\27T[1&+4K.:$(Q)"K"B'=QPV%Q-:Q;DC.<$DA M03CL,Y/L*-^BO(?@Y\3[:\<:C]GZQ;P%H(A/'-A0 ;@-K#)\A:]F%O;6PB66\N8;>-G6-6E<*"S' &3W)X K@[+4]7OH!\,Z M1>Q:>$T*&_N;MH!*Y!PB(BXY(8DG/;]MUXGU3^P[RTU%,.YO],U^UL'F-N" MDR/)&5?8>3SVQSC7=[K/B;6/AW]MM]::> ^H6TTGEK;"18Y/(+.>3\P/0],9H M]8HK \87NJ:5X0O=1TL]IY9H)RK)D2HA!D7'8E0V/>L'5O'WFG;)\)T MS1/1GP.99).845V^568_44 =[17FV@>*M1_P!BS6R6 M9V=@R2,H!7(V _23D&J3^%/%>$[WQ6VHV7V;3[Z6+[*+7F>);@QG<^LB. :5#*8OLP.8O/<>7G(/%Z/S=>?:GR^+-53 M@!%MU<21_;.O+V&;RQ@+$Y"9'?B@#T"BN\O]2\2ZCXXCT+2]2MK"V_LB*^ MEF>Y$KAS(ZD*"0.<#KTP<=;Q-1\O2Z;=S0-IES+;6MC'HTRUMTT8YW MRJ["[FR 1(@)H]5HKSS6?%;JPZS9B[OCX=TR>SAEAN)['SHWG>U>A]: "BN-UO4-?N/'EMX>TF_M[&"33'NY9I+?S74K(%^4$@9.X M#GC&>]([C4+#9I-ZUI-;QVO%V$F\]W+$Y0G.0%XX[\ ]8HK MSG7/%])XMU71[3491-BTR.(;X=(EO3-*Z;_)BBD*H[48X)R>>*23Q-XIU5 MO!]H:"+2+O6+6Y>]^T6Q8PM'LY5&P<\M@'^\,YQ0!Z/\7EOB7Q?IFF7^KZ<_ MB;QTZYTK3XI8%DMD+ZE,R$G"U@\+ H5YDW,VU8QK@8+@[LDCL/6@#TJBO,I?%WB>3PQI30)'#J5QKG]F">ZLW MB2>(A]LWEMAER IQZ@CBK?B#5M?\/SZ,::CKIMK P2-/K:Z:'4S,_D1U!(C7 M:?O'KC]*/0]*BM7\RTAD\Z.,#UZEN<\7:D)826<,?B&/2 MC-O.Q+$W4\Q&/N(,\#G)YGJ.10!U%%>9V/C;6M4\-Z'!;RVZ:MJ>ISZ>,Q[< MA%2(N6E\HD$,50?*>YJL5J:O?>)=(72=$&JVUQJ6]W!0O7!6@7R85C+L2@.U MG^4@=!R.*.XHKS:?Q'XET@^_K2!OK6ZET?1UO+2=+<(68K*GS 4 =+:WMK?1N]H::18XHU+.[G 4@DDGL*2WN(;NWBN++ M5)H))5#QR1L&5U(R"",H->8^%(M8M+/QQ=7.KQW<5O?7BO]HH$@A0[*IP.V MW15W3]=UG5U\,'1=S;,;+<.%%]=WBN)\";]>,NTB:GK(DU%85:ZT] M6Q^S2VDA/.,G+)U&><\!/;NVH ***** "BBB@ HHHH ***** "BBB@ HHHH ** M** "BBB@ HHHH ***** "BBB@ HHHH *1F"]68@ -#))[4M<7(6)+Z+X9ZVUD8 MAFW99C(Q\!LC#;<=^G7C&: .MM;RUOH1-.7,-O$21OB<.N1U&14]<%8PQZ7X M]\+V-UHVEP7LMK>.);'E45Q'C+Q;JOAG[7=*^@+:VT7FI;W5XR7 M-TH&6"+C /4 ?-DCMFI;[Q3K-QXCL]&T*PLY&N],&H">\E95B7?MY"@ENH&! MW/7B@#KI+>.66.2&<Y(B3&[*4)ZX/;I*X,+Q[?3Z!9>7!L'Q76IR.4+2=O/ ZU9U]8QO!WU%<%%A;,:EXBRQ_&QO7U6Q\VR;38K6WD,32R?)&SR#*=,YVRH&&? H:DCC2*-8XT5&4855& !["O+Y?BT]PRZLDVA_P!F1W)A^QM> M_P"G/&)-AD"=!W8)U*]ZU]2\6>)#K/B.RT?2I/DBT18Y'ENIF4RAHA)L4*#\ MW7DX XZYX .IHK@K#QMK4[_AZ^O-*M+?1M><16P6%K.>]VWMPJ-M=T7H.<[0GT5QEWXFU M^\|4WNB:!8:?(+>S@NA=7DKJH$F_Y2]@DD[1CICG/85@ZKXL\0:SHW@O5='6 MVLQ[&HK#/#+,_,@$H*,5';>4/OPO%'J-%<3?>*M8A|40^XUT>WNQ:13L;V M9T6Z=B0R08'.W;U.3R.*Z<7.H'7FM3IZC31;"07OG#)EW8,>SK]WG=T[4 7Z M***.'BBB@ HHHH *****.'BBB@!P((!!X(/>H;:RM+,.+6UA@#'+>5&%S]< M5/10 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110

*M;1V\QN{0S26X0,,Q'< ,ALD$8SSSTH 9/XUU.\D\+Q:)IMM))KUA)=@W4Q5; M?:L,?,0,L `(P!DG'3DUB>(,%GB.Y^:^M2PK:V,J:7[265W)#,.^T_/&0T1QG M#!\U!! I;JZ;2O!TNG7'A65KQ'_L/39+!)P$(\TLL8W#GC_,%9X]Z@OO LE[HOB.MFP^WK&VLWHO(I\'GR2!"M!&>>>8_;@T =3IQO_L"'5!:K=|\^8+9E,?4XP6 /3 M%<*WCO7F\,2>+X=*L6\.HS.(C,_VIX_^TRCC;#P6V^G>NYTU-073XUU62UEO M.?,:UC9(SSQ@,2>F.]<2O@#6%T%_"BZU:CPRSD8^S-]]$))?<8=^|;CMNVYQV MH_T+CQ-KMWXRN-"T6QL)((+:"ZDN[)5E 1RP*@=*2QV\=A@Y[5]>*M?ET*SL MUM+5;K4+-Z2SM(G?8F](@3N8@$A0\).!GC%,L= -EXMU+65F7RKNTM[=80N"G-ME%*<^<^\)E3?%/AZ37[.S-K=BTO["Z2\M)VCWJLB@C#+D94AB#R.M &3%XA\1 M1ZO=^'[^UTU=4:Q-[93PR2>1(H8*RL"-RD$@\9SGM7&3:AKU[\"K2^U4PW] M%VR\4ZM9>(9]*\26EC /[/?48I;*5W"HC .C;@,D;@XF MET-K35;B.|+.VOM]Y,>9PC2+T/. P&-N> ^*ZV_\ #2ZAX]CU6:53;C39K"2# M;RPD9"3GZ*1^-9OA_P_:_ H4=CIW]HZ5/I=EM1)6L6^TO$0"]6W]0<8&[;'I M0 NB>(M? USQ'J5O#!C%6I6FW\EI-/)*WRTX4$;% QD9&\=:/U?>'?!&K;MIL FNI;.M'=&I&.0.0"Q'<*"6_"@#H:*\8^"/Q\'3>,-1U2RUR07<.,$0E2Y$*IL8MC8=8 M.1ZO(UKV>@ IDLL<$+S32+'$BEG=S@*!U))Z"GUP_Q0(DT'1;*8XL;W6[2W MO16 ;$L20?8D*#]. -O3?&GAK6)Y8-.UNRNIHD+M'%*&;..I {CW%:6EZE;Z MSI5KJ5DYDM;J-98F*E25(R.#R*BU"QM!8,_V6'?;P.(6\L9B!4@A?3CCBO+O M#.FN:#X.\#:H-TLI-/,.8A6&4;1@XW[OP=V{GT XH-]AHKRGQIXGN M],75M3TG7M7N)M-F"M;PV*&QB(* [HI'*9)P>2'R"1TKZ MAO[ZUA4R'R2Z@A2K!0Q49.W SVS3/'$C\1:9X06X?4=2NI=4UP6%C<2VD?FK M;98B5(PBY9E4XW=3@XQO0!ZU17G-C?>+UCUVUTZ/5+E1I_FZ=/K%O'% (MSD@ MQY4!6'W2,C@\'BMPGJ:WBWEO)JNK7+/#Y9N+/$5B$BFMF(/944%6L>6 O+6.ZCB+8 N;=X6/ .= MK@'!|&#TJ_5#1K2;QTF"">_N+Z0+DSW 0.<\X^15''3I5^@ HHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "HYYX;6WDN+B5(H8E+R2.P"JH&223T M J2N)^+:73?#+6C:W"0A8"9=T>_S$Z%1R-I.1SSTZEV<\BOF7^SF:2;&-HCB$AP #R M>>W3-9=CXYUC5O#>@1VGV--8U6_GLOM#1,846$OOE"$@Y*H,*2.3[4 >B3W5 MO;&(3SQ1&5Q"YCA=[GHHSU//\JLNLZ.RW#"_MPMO/\ 9IBT@4)+QA"3W^9> M/<5RNL5ZMIAA2? I)MVQE'(8*2=L@((W]/K7/M>_8-,\5S M"VMKC/BZ&/9@=I]EXUU2_T7P_;(D":_=ZDUA>Q[,K%Y))G8#/\ =7C_ M`Q0!Z#15"P.JF[O_P"T!9BV$H^Q>06WF/;_^9GC=G/3C%F6TMM;>? %I[63SR2$ G]XRM\BDC .|ZY- '?45P<_B37]6UG0+#1N/SY+.S35 M-(;_EEGB,IAYC^Z 1N/SXP2!SGM@\UXTUQ/#C6["S?7|=.A)<>61'6SGS2F M<_M '?_ &^U_M'^S_M$?VRX?/\ )S\WEYV[L>F>*L5YYHT.L6_O?EBU-MB\MKR1=!_=3P0F+ZA^S7#0'SXBF\@ [DS]Y3GAAUP: .;U'X<:1]0U&*2\U..RU&5I[BSAN= ML+2MC+XQG.0#C.,]JZ"'1K6'7[K6D\S[72.TO1;W0>9MV1)N3*Y+94,/X>N*NZ+X3N]2T?4;+ MQ"+Z.SENTGTZ&XOC-=6>T##>"3NW D#<<#C)YKLK_4+33+-KN^G2"W4JK2. M< %F"(\R0/QJS0=!e=O';37<*Q2SPX4JSJO&025R_[M&=)U%M/U";"UNUQNBFF"EXKRVZ77Y_&GC MZTT33=.O!/%:QR?;+@IM)MR!A0A#=3U*TWP]fT^J;9X/\.Z)J-WIUJVG2O0)4729+,R-5-NCS,) M@"$**NUGR"IIPO.X"%5=+\0ZK;ZGXBTI[=JT\,&C?;I.35;5(IXY,NIP JY7@ M'D=010!Z=5*35K.+6H-(>4B]G@>XCCVG!12H8YZ=6%>>#4_$NG? #ZPUF,7GN M=3USI%!$7@C$-F9F4;U4#)(5N=QO'3"%6K+3+_2_BYID-YK-QJ<9T>Y,3W, M;"1/WD6X$H%!'0CC(YY- 'HU5[Z^MM,L+B^O)EAMK>-I99&Z*H&2;YCQ#>ZE M>^,-,\,V&H2Z,%-:37MS:#>"ZO(< M'1EC>.[$<:O<121[A')A<<=RH4GCI0!ZEH^L6^N

*AW1]3O3&LOB81(+,]>1HK9DEQ#Y!"L<#*YQG&/2@#UNBL*^_MM4\,^"=0BT. QFSLYY+6+)?#[68=22?FKF?#5AX;TKPI8>(S=S/>3;:T]Q<+ M>.TMU^[WRDC=\S#!/JI';@#T.BO']%(M/&_@ZZL-*CTJVU:.=BIJ;7$MU%Y! M=3*I&,@A3G)-"BU1(&@6226/RV;<1LD9,Y]]N?QKC+*VU M&S\2?#RVU:[CN[Z*SOTEGCD+A\+& =Q),,9..3FN;MKU_!_@[2X8XY;.^U M6_2XBFNFMHYBLLS)&TBJQ)R<8^8#]0!]?63>;ZEGXGTO1# S/?PSRK*&X3R MMF01WSO_$KSC5;/7/#'@[Q+NDMJ,L)Y[18K>ROGG-E& [JD[!F12@(.0!TY-`M:$.BZ)H7Q:\.VVCN4#:?=O);"%:14SY>U\$G!:!R>`wVH]-HKA?%D<6]2>,_M#NA;G(ZZ1<6(S,81(46YF39M1L$9 #,VWO\ A7):RS.9X<^(FEZ7=3+1=C): M? 9")2XMY'VF5$8DX .TX{%C0!{/169H>@6'AZS>VL$E D?S)7EE.1Y'P 68L M3R<L06^GQZV+^7_B.7&K2I+:LDQ C,0C(50H"[-V"GO0 M! [=17C_C2Z;P\;7=A;WUQ%H>H_9O^$@DCSBR+_M4AL_)YBC:WH,_WJ>_L+WQ M!X]\1;<^EV=_!J\5O'9PW.IR6OV>-HP2\;I&V26)^?]-H% 'K-%>6Q6-SJ&O M^%O#? BV16@7Y9F\N=O+O+E71M>!OB'U;WBRP%GK7A;PWI=E!+I% MQ]E:SGOI(8V"E59P']QN9@OOXJ]/3ZR7UU$\70^_(8R2V+WGG;N %=4 MVX_X%G/M7G.166L:!X2N;&]N(K'3+S6[6%HJ2 >>8V5K(R"5/,95*@GVX#U: M3I.CZ'\94L!)?9&NA2O);>>76$F:/D D[DV.I?#7PID##@|\"@#VFQEN9[**6[MA:W#+F2$2"38 M? 3<.M6*BM,:&RM(;6W39#"@€C7),% P!D\U+0 4444 %%%% !1110 4444 % M%%% !1110 5'/\%=6\MO<1I+#*A22-QE64C!!'<$5)10!S]GX&*:?>17=GX M=TR"YA;='+';*K(? 4'\%7)O#>B7-I=VL^DV3&>XC>%2LLAQ\[#'+<#GK MQ6I10!G:1H&D:! \,D;;:V4;G"#WK MO OA2SU$:A;^'=-BNU;>-'\OS$\W87";N2!U:/3D4 /=O8L2&YXXS]>*Z&/P[HL6BG1DTJ%573",&T\E?+/,>5Q@\\Y M];H^$0&B+P2[K IN=&]>O+'A1_ MM'BK4VH6UG;1SWUQ!:!P.99549/;)X-&==>^#_#>I:€_ &A>Z'I]Q=D@F;2! M69B.F>.<>];D=E:Q7LU!;QK=3JJ2RA1N=5SM!/<#)_.GO<01VYN'FC6 +N, MC, H'KGIBL.P\2+?^+KW2(1#):P6,-VES&^[?O=U(XXP-E &OJ&G66K6,ME] M%K#=6LHP\,R!E;G(R#[\UG??A'PI?:=,;?=:+8S6EJ,6\3P@B(?|/16G:WU1 M?*S6EU!<*IVL8I X!]#BIZ (+.SM=/M([2RMXK>VB&V.*) JJ/0 <'LN\|'> M&]0NA@Z^E:4.H65<S6<26%Y;RSQ_?B2569?]`M^_^N!],ZBE0$Q?NPT@PS%1UZU>UC5I/0=`M'NM4U"3R[6VC+R,!DX1 .Y0P /4URT_CO4],M(]3UGPI=V&C,R[!HW,F3U'L:OSZA96R,]Q=V\2JH9C)(% !Z$Y/0X/Y5(lS!',&Y> M,-8 NXREP%QZYZ8H C?3I-[BUG.UA,MH&%N^P9B##!V^F1Q2WMC::E92V=], M17-M*-LD4J!E8>X-+'?6DMH+[,Z@>V/299 4],O2B&]M;F66*"YAEDA.)$20 M,4/H0.E %.P\,Z+I>GS6%CI=I!.:3\)Z%(AMDR,"%="T1!WTC2K2PEF M4]TMQ"]MCTSCIWQTK0GO[.UECBN+N"&24XC220*7/L#U;B^M+0$W-U#"%7< M3)(%P,XSSVR0*,/.K7x:7PLM/FTYDT46]G<1S'48+-A>R[*WY+EOE9B/F;)Z MGCFO01I5@L-Y"+. 1WK,UTNP8F+*%8MZY-I[W]G'=1VSW<"W$@RD1D =AZ@ M9R:EDECA0O+(J("!N8X')P/UH S=1\:'JUG;VFH:5:7,%L ($DB!$0 QA?3 M@ <5):.!H]@;0VFF6D'V-76V\)N)5\H/] L;CIGOZU/_:>G^7/)INMMEN<3-YR MXC/HQSO^-2BZMS%%*)XO+E(S;[QAR>F#WS0!':.?9V!G^R6T4'VB5IY?+4+O MD/5CCJ3@L;GG1><8?.3S0N\ MN&X+TSCTX-9FH>)= (Tf1K[57O89:.R1GE\B17/-)VCG[W' H BB\'^&Y=6_ MM230]/:^WB3SS I8N.C=/O>_6I-1\'Z!JVH17^HZ-8W5W$ %FF@5F 'JDCG' MO5ZPO[74[..ZM)DEB< @]P,,C.#COS6+I7BF&ZU/6K6^>VM%L\6<+/*%,N8?#OWRYX% %Z^\,Z']>I0ZC?:197-[" (Y4959E ZZO+:QA\Z[N(;>+..!KA%$]34B.DL:R1LKHPRK M*<@CU% $*V%HMY- >"VB%S-&LR@A%P MMT$CA4 2K]UP/4=O2K\U_9V]Q';SW<$4TO\ JXWD'L_T!Y-5)M4DMM8EMIX(MH]&.T^T-=MIZ+8W=P %\V:!68@=_3 MW'L:+SPGX>U"^BO;S1+">YB"]DDD"D@+]T=.@[>E9-[X\M'\%0^(|("7"2RV MRB*1@&02RJGS $X.&)_"NHM[RUNVD6VN89C$VV01R!MA]#CH:)9(TEC:.1% M='15E89!!Z@BLNR\+Z%(UM.%>D6<$,-O]IC2.:^/E?HK^SFNI M+6*[@QN@O(("Z_4=10+.^S-PL NX#,Y8+`Y(@W,5^\.O'7TH 9)=A=H^8\'U- 4],+:;!HTR3;,2H&"R0PA6 ;&1GK_ M C\A6G/<0VL+37$T<.2\L\C!5'U)}]0LHI,7CWENMJ>1,TJA#_ ,"SB@"O M8Z#LFW]U?6.G6MO=W9S<311A6D.; ++$@F:2!69B.A/')'O6FEA:1W5S=);1+/&Z@DGB_P!9&D@+))0.11#?V:Q.N.,|<5AKXYNC91S_8X30!''+I6GSS7,LMG \EU"+>=+F0$R1_(W]/ MF;CW-*VF6+K9]U1"5LF#6P*#]R0I4%? 3@D?0U)%M=D\0=2,7,L*1&& ^N+4!22"(Y"@/U(% $MCX6T#3-2:4;%!]#*W5 M5ZH;

M12C;@DBH6 8=1TZ&I-"\8Z)JX@LX]7LI=3^SK)-!'-P.T%L#¥[CMWKB-3(U-MV7QUK>DP3'3)O#QM/-\ED%W<*LAW*" 6VJ0N<>PI8+|SUF;P+I6C6%Q!?:5<-MI-=HUHT7V2)86616)`S$@#!.[K0!UWAWXA:!XDGU"&VOK=7LY9%P9@=\28S M,/1.>OM6EI/BK0-=NI+;2]6M+N>-=[1Q2 G;G&X#N/<<5QFD:H^D0^.K".QD MN=76|O+Z"Q>!R+B,HA7G&"#TQG)ICHFH7.L_$+PQ>MJ.FH|+.Z$S1Z8^0VPOP&,'(5#GW!K M1TC7=*U^U:YTF_@Q(4?8S0OG:WH?0UY?L FO/X<\ P7-FSJFO73R))%D* UR M5)\'",'/PKL=!MVA^)?B^01.D4L%@>P;;@.VV0$Y[G@?!0!!KGCN:1/B%IV@2-M6,;:=<0Q--=[R&B>5Y%3CIMW(HS__+5/^(GC>;P9I<,ME9)>WN^3RGGNK(ESX;BCBGP<)*+B1D.?4,%-W9#N&S!F8#_ &I, -@@H)5U7Q5H6A/%'JNJVMG+(F]8 MY9 &V_WL=<>_2LW6_B#H&A:MI-C=WUN%U%&E$_G+LCCVEE<^JL1@$=ZQO$VN MWEKXDDTUY_[,M&T]&BG33C=2WKDL#$IP1\O'RXR=V>E8.ER'1?#WPRU+4HIX MK6R6:.Y?R68Q%X'5=P)'/% 'I.I^*] T9X4U^5[2V:9/,19) "4_O>R^YXJ M34O$FBZ/#'-J.J6MM'+&98VDD #H-N#27[RI/45YU?R2:,X\17&H:S<.5:: MK;M;R_V<)TN(A%M*9*G!#.OEX^]G%7;/0:6V1\1_#VVB6>\LI+3ILPS74)5E M^6<#6D#2;3@\;@$8H [*TUZ.?4K]FOJ..F0VD-TCI*?,5'$#$O)GY0A R#GL"M*U6!V?.;F?)Y:X7.2.!^%9/@OQZ_B75M2TRJLEL[B"21K7 M:^X7$*2M$6'N&7!'N*L_#&*2#X:Z%'+&T(M9GMM.BG9U. ^3"@A MV4 $\2=O2M*V\3Z'>;/-JUOJMK+I\&?.N%D!6/'7=Z'V->6Z$6TW1/A]K616 MERNEVAOOM&8&8V\DC'RI'4 D#[PSCC=[U-K-.J^E?$76M,MI_P"S;W3X886, M+())[E16WNJD D .JYQSCVH],T_Q/H6[ZC/I^GZM:7-Y "9(8I0S X)]\'@ MXZ4GBG6'\/\ A75-7CB69[.V>98V. Q S@FN>U'3TMO&O@3[):B*&"*[B/E1 MX6-/)&%XZ#(^(%1>+M)UBW^'WB9;S6I]5,FGR+'$;6.J<'IL)H M6'BG6]2 M7M(TS7]/L435T5=64$97.""><E=' &[17]D_VK|OM_L&[9|H MWC9NWL,9_P!IY?K6+X?!VUG<6.KWE_J.I7T%OL<.>E4BW#*-P1550"1QD@G M'&;XZU%;? X73^$FM+YM9@U$B6!;5R$3[.Y@D+8Vl2I&#GDD4 =X_CFRTOQ= MKUAKFHV=G96B6IMC*=K,9%U'Q#)'XF\+6EC+!+8:K]H+R+\V14B MWJ58'&,US+ZMP?AIXG>) fW6;698KBUM8X;H6CRJ<(VZ/%]+ MO[#_ (5Q%=6DT+1OJ,AB=3F!'5VC5O0A648/TH]JQ\26\/AE=7UO4M+BC\R M1&GMYCY!P[* "W);C!'J#BM32]6T_6K);S3+R& [MR2OF0N&&1U!]#[5Y-IL< MFF;#X*U74+6!HO.8 9A M)8"K5IXP\.7]O>7K5E-#9+NN728+$1K_>/M[!^\)OVEN//WB:WEM'D6;Q@ M"8VC)WQFXAR<=UQGVKL&M? *^+|K+%!LB.@2QLRIA>)X]JYZ< G ^M %/P-XU M&N:#=Z_JNNZ8MLOSO;(@C^PCMPSS:9JEK=);C,W MER F.8SEAU X->:6MG<12"'7P9/-93RVMAJ.5S? P+$6;R5>3DH!E@K%6(QT&: MV#YN%\0:<8K9@LK""O"C"W@6VA;Q+=Q/=2VK2K M90F60B0(/P4'H-U5;.WO-3T#XFF%KF^.[@4P2M:& W!^SXRJ8&>1@$#G@]Z M,_B\56VJ1Z/1*993N)V%BN."XP.#V55FZ\8>'+'51EUE=C M#>[@IA>8 JQZ ^A/H:Y6[U"WUS_A!+K3O-EABU,+(?)9=A%M)G((0D#/3-8 M"7EK8_#[Q#X3U"PN9?$=U->*+ <6KLUW+*[&*56Q@C!0[L\;?:@#T[5?$^AZ& M[1ZIJMK:.J++)LED"L5)(! ZG)4]/0U?IKVUU&SBO+*XBN+:9=TH(K-MB-)TN6'XFVCWT(FN+7PS!$;AER!)YK!I-ZG^1IO@W4[;PWX6BAO8Y85N=>N; M*VC6,\,]Q)L&.R]3GTH Z+Q=XKL?!V@R:I?$$!E2.+>%:1B>@SWQD_0&LK5/ M'5C;ZKXD>)=%UYI5TK4[:[.(NL3@E0>AQU MP? 7!7FWB/2;*YMOB'!86TQ5M1L;CRHHMQE01PM+M7HQX()(XQWK=\,?8-7\'^M:MK1Y02RNAD"G3OC18V9*0!!_@@84G/7CK0!O>)/$=UINH:?HVDV4=Y MJ^H;VC2:0I%%&F-TFDA)P,@ 9)-5+#Q)K-GXGM-!\265E'+?QR/97=C(S1R M,@R\;*P!5@.>X(JGXH>30/"ND>*)K>>72Q936%W)#$TAM]S*ZN54$[25() X MJ$ZA%XT\>.!=.1'/)IFC>?/<7KPO&CR/'Y.QH6 +'DDXX&!0!T?_ FOAG[; M!9_V(8?:)VV1Q^<,LV2N/8Y!]<5-JOBG0=#N8[?5-6M+29UW!)9 #MSC64<>HJSINIV.L6$=!MWW#=6LF=DL3!E:..#7!:,HEO: M>,/!4,.3W5K9:',.() [F$JZG,04D$:#:VT8.",16SX#@:VE\5(8FB0Z[<-&"N M 04C.1[5Y+GQ'K>IZ_?Z5X9LK%TTF]EW>7|KK'YK#=Y;*(0)) (R MUU& .H6=X++=Y(Y0Z*&3@*X92OO^08O6=UK? ASQUX@%CYY'3K6;X? M\7PZ[XFUR"VO+2?2;.VMIH9XF|&7\S?N;;/8/IS5'QM#'I6I>$M1DM#_ &)I MMZYN4AA++#F%DBXXI,#Q1H6JW_ M -@L-5M+FZ\HS>5%(&8)G&>/U7Q M/H>ANT>J:K;VCJBR%)9 &VL2 0.IR5,\C42^,/#7$ &?3VH],BOJ2>\N;2*XC>XM@IGC#?-'N&5R.V0#6=<^ M+- M--M=1GU>T2TN_P#CWE.@O+ZI?7*Y9M7A\_ $3Q*^H07? _$SMI1[$0VI MR?:"B.K(NT$;LD<'"7/2N=TU++;3? O@^\GU2YT76K*QE%M(]D\T;AB-\;]%Z MG"\ AO2@#MJ4^(WAS2=9TNPN-1MO+OX'G%QYR{(T !0GU#Y.#[5;\;ZU<^'_ M E)!#URYGM MM+U:T0)H.9$AE#$#,, ^XSW"%-M_%?A^[U825;ZQ9RWP9E\E906++#]ZD=P.1 M7%37,/BGQK!TZX@D_S-L4^K%KQ3QMSEPT=I.Y-9<'C#PY<:5-]D6M6+6,+(+))9O. 5&/0'/0GL.]9'Q(AD;2-*NO ML\MQ9V6K6[U>Q1H7)@4G)VCE@"58CVJGKWC"WET4ZEX?M_,0WL$-O[$NGR,D M*.90I ++[.G' +?6@#![3Q1H5_I=S[=K]MK+96HI)>ED&(L#)W>G'/- %AXHT M'5-2ETZPU>SN;R{$O#%*&8 <'ZX/'7'2O+3]!OM. ^)UPL]Q?KCOI?/A-F[%Y#*S"?=MV[<$'?FN8T2P5_#L M/A??$%_9WJ7L,UBFF;G.43;UD60(2P8X;?GH>M '7Z]XQU'3T&(QU)!Y&[11 M_9-R9^_&K-NYYY)KK-6)2Z+H/E#5M3MK1Y02BRN 2!U..N!Z[*\)%56MQ)9 M_%$)!"QE%GY>$)WXA3./6K.LM<:/\1I4OKI5[C2K6IKK+6Y6Q%PCA-V^/<5 M.T[CNQOG/M0!W^H>(=&TK38M2OM3M8+*?;Y4S2#;)D9&T_Q9'/%97A;Q.?$6 ML^(8X;BWN+'SGA2TE@.0RQ"KG)\Y^8FN/2UL?UQX(OGDO+K0+.*[C%U+;N# M#)*0R,R!M;GP_:*?Q#XPO+6RFM;2YOH981+ 82X,*Y<*0#\QRW MKSS0!T/]N++:ZIK(U"]TV*PL8X7RLA\V(,#DR@\ $CY<>]1CQOX78W@&OZ>?L M8S/^_7Y.M=!J>CVJ_$CP8T M>GQB&VLKQ5*Q#;%@4;]!TP,9,'XT =-%XDT6;2H=5CU2T:PF<1QW E&PL3M"Y MJ<\8]B/'GA-K*\)7Q#IYMX7$;N)QPOEO=3D D8ZX/I7 7NFM-HFM6CV3/!) MXUB8Q& (E6C.D)8XIJ^>V*;9>(-'U'39=1M-2M9;.'=YLRR M#;\@9.X_PX'/->2Q6-]:^#O!]WNN;2QTI5;UKAXI7SC;@R3+'(8R#\ID]ZXXW M9J[JFF1ZEX2\5;AI>I7FNSW;V;W;BR\D2I"X+*@"@.2F0<9Z 4 =9%XZLM5\ M8Z)!VB:C9WME=1737)B,YE:,(4^F=QJO;H41FD>,2VTQ M,3D.P 3=RQP.1CJ#7,QZHNQ_%#PW? Z/:S/#974!Z5Y>EM>7'PO\ &[" ZN7?6OM*.U]8GE0&W5ERH8*1NQVZX- '3Z]X$I2=2=%U#1+]V MN;>^U6UM#*A#]8Y) KX(/7K]#6XFLZ);8W5\M] ;6T:1;B7>-L13[X8]L8.: M\UETZW30+"?3KZZU);OQ9:7%C6/_CZ'U94C_P"^Z /6(98YX8YHG#QR*&1AT((R#3Z0 *H5 M0 !P .U+0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !115>_OK M? 3;&6\NG*01#]FF>+|)U2:[@C-U!<6L7GRP7=I)!((SG#A74$C@\BJFG?$/PWJMW906EW,P MOL"VG:UD6&5)N[8)"NW>]U7.01CKQO!U%%<7XL\?Z51.GZU:070*45B<8!-=%? N9KSPWI=U3,DLWV?S_+++Y*2EMH1Y-NU6)[$^GK5W5_&6CZ+?-8O=372 M1B66*SM)+@PQGHSI%,T<'K0!0T5QFN_$33]*.@26DWED C*,< MKM4Y,*CY>N,G"%=?!.EQ;1W"AU21 X$B%& (SR#R#[^D4 245SEEXZT'4+^" MU@N)\7+F.VN'M9$@N'&#T/..U,/&.B&U:X%VV%OOI,,?E-YGVC= MC9LQG/?ITYZ4 ;M%3;6LEPZQYOO8(IVKGN: -VBLVSU_3;_4!8VMQ MYDYM{[T (0#"Y(5LD8YVGCK7.,[\1]/TRPT[\LX;B\AOM0^QEH[:5MH5RDA& M%/S CA>K*&\1^*O$R M0W,DFGVOV58(I(C&T3,C>8I! 8'<.0>F*[*@ HKRK4_'^1#P#:7;2S07]][S MV0N+2S:7RHEN3&2!AAOV= >2>@)KT71VVZ):N;J[N5,>_P Z\C\N9@>1O7:N M#CC&T=*- "BN4LOB1X8U"6R6VO)FBO'6,&Y-K*L+2,,B/S"NT/\ [.PQPJL\CBDGMYK-!)<0WMN]N\:)# MD.!\O!Y]JHP^-)(U:TNQ!U-N,T ,|%8>A^+- ,)07EW:62WJW%I@3I<6)K#!)DAN(IV:9D.GEVEG+.53IN;8IP/K0!L45S]UXW\ M/6>F:=J,NH#{!)J6?LDB1NWFG:6P !G/&,8RJQUXJWH?B/3O$45P|@\H>VD\[M>&>%X98FQG# (P!''!S0!JT5RGB#6]5?Q+9^&-!-M#>S6S7ES=W,9D6WA#!1A M1N8L<#) .G:QKFD^+[;P[K]Q:WR7]O)-97MO 86+1XWQNFYAT8$$&@#L: M*Y.V^)/A>\!DM1!>S-#-- %T:[FM+F2Y>6W M027)MK229;9#R&D**0@QSSVYZ4=!16!J7C30!*GM80]HY)KN#[1:Q6T+5-. MF0/D* [CR#@=LGH*QZ+KA%@TU+_ $V8RP,5(=R%&5E.&5E(!!!{&@#0HKCK M[6-Z!H%Q;V,6FQ1O>WMQ 9FWR E(T3 M*)+=I=,LQ["WMM$RK;?-EBF20RE2"3GM0!V=%WD5)-Q('EDK^\Y&/ESS67I7C)=:,^(WV"UN+B.QBTAYY[6ZMF@>.42H S! MU##Y3]:. .YHKG-/\AYQQFG MV?C31-0UU|&LYYY[R.62&4);2%(G3.0[XVKG.V,GG'':@#H**HSZO96^L6FE M2RE;R[CDE@0J<.$QNYZ9&X<5GCQEH+:.1JFJK?!K/3)WMKIPC'9(A *@8R>2, M8SG/% &]17%.SXQ_L&'Q5>MEP:EITXGM)P3'(1G!P00>00000>A%<5#X^MM*\4>*;/5 MIFZEBL[F,POP6CS>1#Y"_S-L4[5W$G+>] 'H:?@C?0-*6Q,IXTAOX3/9K M;PO*UPHV_<"@Y/S@X],GH#3+_P =:'ITPAD>\EE$*W$L=M92S-!&PR&D"J=G M'8X/M0!TE%>WO5__A,[^_10 M:PMT[63S_9X76!R;B3. (E S)D@X*@@X/I0!OT5S\?C31'TC4- 2>>;&+3O\ MC\CGMWCE@XR-I; -R#D<(()9[..9X8WVB1X'C63N&0L!N4^HR* M-2B].KZQ9.%I[7^HRF&V5T11-I8*68*,XZ#)'/:FW6N:=9:G%UQ<".YE@DN M0I!PL4>-S,W10-PZT :%%>U7QXETHZ=LU_]H/V;2GECO&\MOW;1KN<8QDX!9H UJ"B@N<KFUCN8FS M#(@D5CQE2,@\^U8-KXOT[6;L.EF[.VVDFAN'I$YBE"\,D=E"L,D=#$!-.C MHK@O!7Q"TW4]$T"VOK>-34KRWC1KA[9UAEN-F602;0A?KP#[=>*V=4\=:%[% M[<6MQ-WM)9DM@1D>8R*0O')Z4 =)5.ZTNTO+ ^RO;B+S)K(NT!+'-M",PVEL=*<9 /;)];B37=- EU*TL(KE9)[NV:[@V E7B!4%@PX_C7OWKG?%'BG M_B3^=HMXRRV^MVVGW+>7C!,J"1/F'/RMC(;. .SHKE]?\<:-HTUY8R7,WVN" M'?*T5M)(EMN!V&5U4JF?]H_I5KP3? W6J^:]#OI%4S75Q9122R$;F*@DX% M&I17)VWB_3M-T>_UC6HY8/I3FLUG%JT81@S 1D#+;6]=UC4KF>]-M,0\]>R*DS,N[9;HL8:1>>"-PXSGK726WC31+K2]2OQ/- $FF(7O8I[=XYH %W M?-&P#<@$CCGM0!?T+1;7P]I2:=9M*T^222 RD%LN[.>@'=CCVK1KF!\!0?#?] MG2ZBUY+'81S)#]JDMY%C0:U MXBUC1UL[R)K.7RX96M)@K#RPY+D] ASG)&1@C]*.QHKSWP-\1=/U"P_H,& MIWT\FI7B+$URULXA>,-"T]HGM,F:X8VNWI5+#:R2Q M6V1D>8ZJ53CGD\#DT =%12(ZNBNC!E89!!R"%\Z\$_$?3KPWHZ:Q?3R7]PW MDRW1M7$/G%CM1I NP,1CC-'HU%<_-XTI2'Q"V(=^?/)J22I')##;2/Y>!*59 MB\A5^=?F//L:KW'Q!\.VUY++!)=3^5#-IGENUM93;1RYQL.8+L!R<=>.1'4 M45Q\WB7^S/&^N)J5^L.D66E6ISAP,(S/(&/3))VJ,?3%:5]XPTJP2S\P7DD! MW#Y\5K!9RR3^7QEFC52R@9'4#GCK0!O45SMUXY\.V>D6.JRZ@/L5]YCMY%C=-MM[@,2N ,AOE(P1G/"7BM6UU2"[TA=3CCN%@,9DV/ ZR@#.1Y9&[/'3&: +M% M>:R?$636?AJXCU&QANK'4+&&Z:)VM9%0;&95(9UVEN 2O4'.1Q72:%XVT;6; MJVT^&YF-W-!YL32VTD:7 4# <8W90K@9_A)_*@#IJ*YU?&^B-JD-@SW<;3S_9 MX9Y;*5()>>?D60I%)X..>:<<53TCQW;ZGXRU7P_| 8KQ#:2)'%*;28!B4+-O) M7"#(X).&[9H ZZBJ-UK%E9ZK8:9/*4NK\2?9UVG#[&89Z X,<'K@^E4;OQ= MH=B-2-S>[!ILD<5P?+8XD< JBX'SL01PN3S0!N45@Z,XPT75#>)')<03V<7G M3V!W;202K'S|^QP"1P>1FK' DNE#3=*U#[0?!VJR11VC^6WIQI!N08QD9 M!XH_U]*K7[_Z98RWEV0]!$,L50N>N.%4$DY[5EZ;XOTG4V+R*-KJ"> TB\^ M:"[M9()!&/O#NHV%SJ$%[(+"VA$TE%)(D6T]@Q&& M8'@J,D'CK5O1_%6F:U>26=N;J& [2,3>1=VLD#M&3@.H<#*YXR.G>@#:HK+UG MQ!8.$+=;LSO-">0ICRRTD6X?,,$; M'Z^].^D>,=&UO46T^SFG6Y$7G(EQ;20^;'G&]-ZC>N>XH WJ*Y/3?%]C;>%- M+O[_ %1M1FO2R0/:V3B2Z8$,KZ>,="0;C66O3%9VTABG)\YT MDBD! \MHR-P?)'RXR^)5AIAGJZU.UM+Z2X@ECC:VN+:6;LEF[.4M9ARH(S@1'1CK76Z;],_]V$=Y,)1<)%)G"W$#PN,'"*N 1T[B@"W17'^&Q'U MKK^J:M9O:W5L++*X>-)9;65$,:HK%G9E 1N3\(. #WJU8>/O#^HWUM:P3W*_ M:\Y*6D\UI+'#_M;^_6#7L:1]"DMDN-6C".\OF [54 8Z]"!GG'%6$T745\> +06$PN+*]T^2Y MBV?-"%'SEAVQGFO2;* /*YTU,2=*\;>'QX>U&]N=4NKNXM)X(P89$G7@1Y,% M*1,'DX&,YKT'PY!+;>&-)@GC:.6*RA1T88*L$ (/XUIT4 >6?V#]8^";Z6-/ MG_M WID^S^2\^/MV_./]WGZ5]QW%[X4\9>)++F?1-2OI?57AGMI[&#5N5B"&- M\Y'<$9!/&#UKQI*-/*X]\U;0/"'@.2;3IYYM.U9[VIM;-?->%)/.,% ^]M\O M0<>]>BWL3ZMX? N(8M[O)=VK*OF#;T9=":D=B,U?HH \F\,Z(#;.!I>KV7BP7 MFFR0$Q/@V<.AH\OV7[;]D-AY9\WRMOE_;- MO]_/;&?+KU:B@#R Z#+97'B+2]7MO%4T-_?7$\8TL;[>XAF.<$XPK?V- J=_I]_8VL5O)9Q><\30AE,;C/&=P,>G7FO0:*_.!N[G4=>) M\>)KTF@ZE<6]_HT5OY=I&)?AG61G%/@X'#XW9QD'FL2#2=9M?AWHLD^D77V] MQ\0F_N+.)=\HB%%C@V^A+@1CJ*!9HH \PUBSN_^$T_X2&2W\21Z?]&FQ1*=_M-0^= Z,QV2Q@%"&\]GC9-*^CMH?_B>IZ;I&KSV-AU&..XCMI+6V*#SK@)&RG S@,>,, MY&1GGBN\MY3-,12M&\3.@8QO]Y*:%)]'B'X5^'/#%KH M-_';\ELYO6C'V=(DEAEF<9(7&WIV2?K727D'B/33XVO-)M+A;BYU&V>%XX M@SM#Y42R-&&X9@ V >XKO-+TNST72[;3;"+RK2V01Q1BVU1VR22;N4 >1IX M?U76]1\3^'1'K0BO__]CM[G5U"\NY_EP -]_-T(/ZGIBNCL]7O=4]*3Z,/ M#>K6=Q'IT(AS\^3T*Y&!VKN:*_//= T>_@USP5-/93(EGX<: MWG9DBXEQP-]J&X;CV-<]K=GJ5C974<=K/>77C(W-DL:+Y(@&8%,,0K?=.= MQ QNYKV.]Q6"6]ED:-XW&0&5U(93R>0>]'+^IT76M9 MM[]-23O!<"ZNQ? 111H\&-"@B9EVC:1USG./%5SK.>)X8 NMKHIL]R'1X5 M9Y+G>:.63'0%W)8@9.!G' M-:M 'E?A$O-5MM*^'D5S!PCV%Y=/=*ZY(*3,2WU)7!]Q75Z%875OXJ\6W< MMO(EO=?8_)D*X63;$0V#WP<"NIHH XG7X-0T3QY.>*,;3,G4,*33VT^!BM%# MS18DWI($S\PR2"!SWIEDE_X!=:?KDFEWFG:9I-O.D'VU/+EGFEV@D)G(4*O M4XR37'Z:+)J&O?"/3?"EHI-^)[F5 MYY8^S+&+C>93)G@C!^7[V>QK;O M-'N=-\4^(S?Q^)GM-3G$\$FD#?'(IC5"C@ E6!4CG (Q7I.E:59:)ID&G.:# MY-I "(X]Q:))/))/4FKE '#:7H3V'C3P^UK8W46FVGA^2V5IQEHFWQ;48C(MW8!Z'L:/!-A=6 \0BZMY(?/UNZGBWKC?&QO7##V/-=310!P":)=A#(#D]1@Y&>15"YTS5O$ \7>(9=+N;3[3HCZ9IU MG,H\^1=KL6903M)9@ .O%>ET4 <#KVD7_P#P@/AO[+823S:3/8W3@\>O MI=% 'E7AG1TE70+#5++!Q:+S3GB8Q3X-1#+&N-P?[!3KC!)P>E=7X'T^XT]/$ M)N;9X&N- ;EI%X)D@B&7E MC<&.10/HV?\ @-<;:>"M6TW5\(T-;2632M16SO=5N.?(L]N&:0-_UT81?D.] MCHH \[U+0M2O)?B5'%.29U*TBCLRPP)F%L5PI\ M<4Z<7FN6/@]6/2-0@^?P MZI$;B.YMRC1A;=P7(\ #^N(&?6OD]* .6TFPNH?B\XDO7MY$M;BTLECE*X61 ME\W< >Y&1^8]GXNN=.B\064*#6$T1K9RI/Z"LDS7&X;5 M&M4O8+1GC:TEMH0ZRL+=%VMSE5S_ !'C[WISZ110!YMX.\+ZCH^K>"(;NW9 _M[.T:YBN)0-RQ2L8L+N!?O >H!JU!.ZM9[&#S=V(E M0QOS\A!7@GC!ZUW]%_'CD_P\U2\\.^#M!N1-;.B7YNIK<[EM3*C,H1P5RP0 MCH1D=ZT=7L]HF|\5WNK:W!H":3 ;;2 M5KZ(CLHHH0,J6!);'JU0!QV%;%026=M-=P74D"/<6X812,,E-V-V/3.!0!6 MUS28->T*^TJY'[F[@>%CCID8R/<'G*\N\/:7K/C3PEXFO,T!-4ET_| L*V8 MOPQA4B1L^CRDV/A LU[1D$>\^AJGI.DV6AZ7!NG0^3-0 B--Q;&22*$\)+Z7%X>U+3GTZ^MJNENH?+BA$(.51L ,6/RC;G@Y.*HZ MC'K&GZ1XZT"+P_J5W<;M/=3VDT$8,+1S1 9+YX9<'Y>I,,=:]7HH SM,C>W\ M.6<FT4 >:QZ)F*_#[P%9BPF%S97NGR7$6SYH0OWRP[8[TMM-J/ MAA_%&FR^'M2U"34;^> !LY;6$/%.LJC"N^<(5(VG=C@<9KTFB@#$"STC4_!ES MX/N!]/O-1BLM(DT^Z^PQ^.!4C&-@=O4KE2,_3-58!)UJZ\-.DTNCW5O<7/BR M&^6W8!F6'S(6+"\&_-&X M:)4V2.3A-I4]>QXSTKJ? EI<6'+0=A(]QGM;6&I9;MO&_<@)SC\^Z5*GT(U9& MDP_;D)X)P3U&"/8UY\1-/U6YD\.S0-#;ZGIRMHMY'$Y8>3,NYRIP"0FPG.! MUKLSJ9T_O+1/AG3K-'MA9O+<,& {^RQ)A8N.^XY_W3Z4 9?B?Q7J^C>,=#TN MQT:YO;:[2=I/*:(&4JN0$+.,%>ISC((QFLQ?$]H?CWQ;#'I6J:JL<=I*(++ MK#W0&3RB6/SL%!)_A7).#6WKKT[5FU_P /;W15BM^=:>=9;8SK$S+++'M!#-QP1-M4VDZ/>VWBSQ/],T:K!J*VH@(<DI5;/IR: ";QM9-I^CSZ;:W.HW&L1F65M M80]NR!0S,Q8A5"Y .3U(S5_0-?AUZWN66WGM+FTG- O=6MP!OBD !P=I(((/K$Y? .1Q;'X0EGTN+4;C2;,2UN]/^U>66#X(9'!QE2O0G!!KN/"6EQZ M987!708']>;,>T*W'G<& 3P!S0!D7'Q)MXH]2N(M!U->QTNYEM(M^ZC1-D/EL59@"P+CC<=H. >?2KNH^.(;778M&I-*Q]4O);2.]06H38869AN+ M,P QM[]=PQ[<5I]>)M0T7QCHNEZ5:SV^H:Q[%NMZ]R$%OOD*N70C)P#D;.>%P\4J!T8=&4C(- >8R^")K'6-\ MWPK%KEQ[%Y)=PW O_(V"3EHY%)Z YY .0>E=LOA+1&O+2_?38TNI9(Q$4D?$ M>P#:_.@$#'I0!3L_&?\ ..HM'8:)]5UIRW1M&U&,1^4) YUB%+;R@//8+C@] MAFL;P_XF72-#U>YOC=7DS^(KNSM8$._^25S*0D:;B !@'J0 :G\,67B;PS&O MA]-(M[C3X[V1X]1-V% @>4R',>-V\;B,=`<Z9?16IO%BG:-Q+$#M)5D9AD' (/[*Y[_A& MM41/A_6]$\/IX>U6>!(H)S?^9+(V67,4S0/"NHV_B^75O[$_MLRT?2),,)+?FYE:4R(P+$D\$]">G.,T ;>A^.O{?TEM5]_#VKFR,"N0N4CS M_Q(1%W9X) ^\<+P3G'-3V/C 37E_8ZAI% [IMJ9VGVTP3-&_F0Y(W*R,1U!!! MQ67'X?\ $%K\(+/0[&3[/K,%I#&P2;83M*[T60?=)4, PZ9K/T?PGJ4?B#4] M0711IEMM9A\,.H?'"@?3O*3[3I-S927:^8,*L495\'OSZ4NC67B;PU? M;CIMKI%O>V-WJ4MY#^-=B,1)*VYE=,%BRDMC'!XZ4 7+_P >P6O4&N!;P/-8:EK,O)Y ;(/2M!XG0B#X M4ZK##&D8CAB1$'W5Q(@ ^E %_3O&27>NV^E7FZCIDEY$\MD!VJ 7"!@L*,"Q M*L 0=K ^@K2$7E6LOIFH6NC6T+R/?S[@0N-8YK. 0,$@C--A* M,2*UPT:#P4?TRWTZWT9)FS'ZLK*5&X$= MC-L,'.UL.#1-2N-,^T- ;_VD@C\HNK;20N[>4!!&[;CCTYJA]B M\1>)=?T.YU;2(M*M-)F;Z?\ TI9FGEV%%",>BC<22>3P,4SPG9>)O#-M!X<_MLBWGL++YDV:D;L &!H&?F/&[>_V,=,]Z*

+4WQ!M8A+>#2K]}$AN#;2ZJOE^4 MKA]A8+NWE W!8+CKU%3:KXS6TU:]TVRT?4=2;QC5[Z6T5"+<,,],,P+MCG"@ MG'Y5R.G> I-+CDTF[\(6^KQ?:9&COS]'EH\3.6'F(>0P!Q@ @XK?;3O$FB>.M->GTG3+:.^M=9:*5)I+D1BVD6.1MO&.LOR@C;SU'O0!'X$\2B/PKX.L:UKFXO M-6M9"L[-NYC7<2Q)SR/K6KJ7CK3M+M_$$\\%R8]#EABN"H!W>8$(*\\@:QGZ M&N-3%IUO/<:%qJ<-W>7/N>QL M7$?G7/R[MV-V$&,DJB,8..8WCZSMJ.U"6]TZ]MKZPFBMY;!MC2%Y2!%M8-L(M,/7,.#G&*B|>>&)]=DT;_MK2*^?3;AW>RDE,0GC="K ,.C#@C/"%5+70!#H>_MJG@.V7[8T:364U^KO<(N>2QRH^DY W?B* .OTF^NK^U:2\TRXTZ97*&&=T< MG@'<"C$&<_F#6)? ^,WTN]47N@:G!IK72VG]H/Y6S>S;%;9OW["Q'S8[TG@;2 MM4TFPO8]066"VDN2]E92W1N'M8MJC89.<_,&(&3@'&:XW4O!OB341/%=:::;N M^_M1;D:G+]1V& 3AU5(LX4A!C! '!(0.* .OU'QR+36-3T]RT+4]2NM-5)+C MJ,]!51DW [F89.. O4X/%27/CJR^Q:.-+IEE=ZG<:Q$9K.U@"]Y0*&9F+D*H& M0#B0]3BI-+T:]M?%OBG4)446^H"V%NP8$MLB*MD=N:Y? 2_"_B'PI9>$:.^VT^*.M]O-_T^2PD;+[0]':Y5@R.?ER"O/#0!K> =6N-8U7Q7-.EY"]ZDD):?3Z'0(+*XU.P-.J=[8:4QCO;VV5"D3A=Q4 L&: (W$ XJ3 MP9I6L6-]XAO=9MX(0=1O5N(T@E\Q57RD7&>.1MP>!DC(XKF]7L/$GA|0_&=E M:Z9;76GZ@UW?))?/?O?./;BLG4O%-G?6D3I)5H(/$,>EDVY0&202!<-G/IHD\|\| M5EV.GZS:GPGXBTG3TU%4T);&>W-PL+*&$;]X+<$97!'7GO4=MX1\0-HR)>06 MRWC^*H|6E6&7*"+5S=B">3C!XZG'2@##H-2|<1V=U]*6FC:AJ-MI?% *H2^-M1? O[9:98:1<7NE7.FBZCEB:(>8&9,2@LX.P! MB"",YZ BL]Y\%3V>OZW+)X8CUVVU*Z:ZBF%_Y!C+* T;J2.,@D$9X/2MFXT; M5-+\6:)]FEZ1#.:0Z8=-EMH{D)]F!=&!!8?,H"D<<<^U &WXE\36WABWHMDIO-MKIC[9=+:.Q1VR;W+LK.!C/?:L\VJA>;.,,_VK'}H<.=/<:.9;BZGANMC$PG,'-M4HS!AP1.0V5HO+AN4D6EE9NR#4_M8"O#N)4^7C=OP0,'C M/,.YR'P,XDGN-';4-- ,VH66K17=WJLVI%Q/&LN?W<>?E&TC@A<8P,YH T;'Q M;>.3X@\9)_9.JZK%:WXEO3FIL/%VD:GXI;3|&M;V#5[DR6TC7:QF(^2B;G M!'*Y'0<_*>.0:+7P#=6TND6#2*UE;>`9]+GN%//F.8^0O7'#&@#5L?'D-W-1 MTDNCZA:::]<@BL;^81{)F8$IE0Q= P'RD@9XZ9KK]\R\,>$)=.;2;34/!ML9 M[%HPVI#4=T9*=)50_-N. <$#!/6NR\..W/KJZX.ULL5!>R6]K*K9^T(F_7^-MF[*M(*ZCI5M:VME):"ZU!+H.LT<#*1-MY:.;@S;%^]C'/6@#6^(>I2Z5I^AW437.!K5]}$MLEY5RCW&FVXN¥X{O8?W!#*$2 HS CY2".Q%2>+M(O-731!9HK?9-7MK MN7HK?7K MW6NW=E$L0\V0L9I2B@$]/DP/J.U2>&/#+VNH.:,WP9!.SV@^>_&H^.@<(1NC M3DG)0N 3Z)B0'5D9@1D$'G@TW7O%%SHC7#IX=U.]M-M+6+SKBYA,2]JXR=H9PSD#] *I.%)NL7GC.\|.3:O8)IW^@I86U]UE8['+L|_MO')([*L3Q5X9U[5=:UH-IQU.UN[=8|.=M1,,5F=A# |HP?F);YL@'/ XH -Z M*Z:\12;,6STK2[S59I()-O*V|1M@%SWC+DD=RR=L]U2W?BQH]=ETFQT:^U M"\VCCENVA:)1 F-O#N"QPI.!G^E>*G\|4^'M=M'HUKDM#\,ZI-6HH8HX/$,%Z(2A&- _F(,%ESN^ M3# @]J .QL]=M[S6]6TI(15FTP1&5FQM;S%+#;SV [U@R?$:Q&E:#>P.9]%S M)KBN;.VA13(649VM\V!UZYP "345QIWB32O&&LWVE:,,7T&L00*)9+D1"VDC M5DRZX)92"#\O/&/>JGA_PEJ^GP^ EN(HP=&AN$O,2 [2\95<>O/I0!MW'C"5 M+[.QM-_U"\U(6R75U:O/$#;]V<*[,X4L2#@ G.">E.>GZ\|J_AM-.TR">ZCE MB;2.)(S#(*?,0 V01R<9'6N0U_PC/_,)I>:V-"36[6_MXD:(7GD2021V& M1D@.I\'?((Z5V/AZP33-!M;2/3HM-5 Q^R12^8L99BQ&[RGV^H3&"UNKCRMK2,2P5E5RR9"G&1^54_"OBS5]9\2ZW!]YHES#;6EWY2 M3%HL0CRE;;^))).00",$9KFM^ !WB)[WP]+?Z63>Z?]"W%_J4VIF8W(8$ MHA/ Y!P0I' ZUUNB;?]^D^--->+V":2;9]=PMTEXLZ@QD1*A0IUSE>HXP: -'M6]?O-*F*6OA[4=25(O.DEMVB5%7G@%W!9N,X /;UK"N-=35_%?@2]T^XF%A] M$%W-LR5#CRE*[EZ9&?P-1>)]"UK4/$\TQT]M5TR6T2*UB_M!K:.UERVYI%!^ M8'*\@$C&,4S0/">K:>O@(7$48_L:TN(KS$@.UGC55QZ\@]* -/X=WDLO@K[3 M=SR2LMW>;GD8L=]W$@'}], 5D^'[/?? &N@Q^(Y_$4HZ8#[NEL{8R$8MX\D(M'#*3(< $YGZX&*Z#P5HMUH_A;^SM1C593_D+D<-L^@+=@.UK6OCNR$.KG5K.ZTBXTF0)9F"YVL?*8';RE M"0P.",#UXKD=7I/4/"VD>" L.V,]JHUQKB8NQC2:9XYG< X.!R0#CTS5W4?! MVM>+T\37FIV\6ESZA816-G;F82E1&YDW2.O'+D#C.!0!TVF^+C=:M;Z]&C7 M^E37L32V9NC&1.% +#Y&;.P!!VG''TK+M/B;.7=M9WXT358|)N+A;4W\B((X MY&?8 1NW%=W!8#&33?#.@>1K-K=7'@N'39[=&_TLZAYVUBN#Y:Y)P*J MIX1U>GW>: - QQK5]H^D6D.EM&FHZE?0 MV%M+(NY8FD)RY'?^ACCUQ6#X@=UGP-0O=(0$FHZE;PW$?7]K?-DDC=PA9- M[@HP+ C!Q70^-- N]>TBW_LZ6*/K("BOK0S9V&2, =;'.'"'1^-8F]6?BCQI M#;.3]6B0Z/IGVB.:^D:]6=IE1@XCC"CC+*.6QQVH UW\9HWBRV\/6>CZA=W% MD$+F:(((H4D4$.69AZ]!5IXXKD_'7CR2Z\%:X^E:;JJV.:UM'[\)58_-5P M&QAMX7(* [\8S78:+I%Y9>,?$^HSHHMK|80V[|@2VR+.V1VYKB;SPQXOC\|:C MX*L]*M)8-\OD:@|V)(FE,@&S&0 ,,.<#OD]" =MJ?BLVFJRZ?IVD?NK?EO"L M|RML8U$*MG;"7906."0HR>*IW?Q#TZ*TT2>NL{4&U0)#9PVZ#>60#*MN(D M9.2>!M.:0|:\'SKXSU+6]^ 37+;488046\\B2WDC4KW(#*1COD$'BM.#PU<0 MZQX/N+73(+'"STV.[\^VBFWB$RJ. $@%N'1]N+F&* M&:]1'A!M?,!(4[G&YA@YVY'6MO5+ ^73K(SP:?=7\]8*L%L%W,3[L0 /4DUQ MGC30M6U;5#)I.B"#4D"+::[#?"(Q+D%A(@^9E'S?+A@<]LUM^-M/U?4=%MWM-M)+N4NXY+]"*X-N]S ,[XUD&-I/'<< C/- $^^.[>/2M>NK[3+V5NM$C$EW9R M%&?:5W*596*L" >_8TH\)><0RK("'<[#E@>I'/4XKH_&GA:YUW0M M(6""*YN--NHKDVLLIC6U$>V)B VT!F!=@""0 MH:,^0%\(Z-'8W5W=?\ "+HITCHD8=KP3R2@$D@X)-XQSSD\"]%K9>)O#>M MZXFF.1;ZC9ZI>$AN'NQ%Y#LBJRR*020"N1MS0Q0!IZ]XPET W4\WA_4Y=-LP M#<7T?E!%7)95+AV SR0.QZXHU7QFECKJ.+9Z3?ZG?R6:WD:6P0*8RS+DLS M+C;WZY&,UR'BSPCXBUE_$EN^FG47O<_V==O]1CBMH|@'E^5G[VX-SC!R,D5U MMCHE]!X[359$46@T2*RW!AGS5E9B,>F":. &CQ]HTGAVPU6"TO9IK^X-I;V" MHHG:<%@R$$X&W.V23@ 9J6;QA]DTR.>]T74K>_FNA9P:>PC,LTA&X,&#;"N, MDMNP,'/2N:B\):]I{CIM_:VT,VH:,K5Y>K:-,%$\,S2# ;H&VN",U\2Z'K? MBK3]-O[O1;9+G3K\S+ICWF?/A*,6!D485\DD8R.!SS0!'XL\527W@+Q9 MO> M:3]^G6H:6&1UWH'Y1U=& ((.#R#U!%7AJGV'XCZG)>7;QV%MX>AN9 SG8F)9=-MSX]<#K[5F7?A*>_|\&>)+2P!+Q:]LL,8>]$KS8SPQR0H&>.3U/2M'6/"%Y MK.NZX7*Q6>H>'TTY)MP)67?(3QUP RF@"]HWC9+N^TZ&[T.4-/@U//\"XN?+ MVS$*6VD*Q*$]"0& SCUXKE?"?CR2Z\$ZZ^E:,JJVD9:VCU>$[L?FJX!QAMX7 M(*[\8S5_PQX8DM+I3!?>#++>WGLQ\^H#4?,0.$(WQIR>3V(& 3ZE6DL!>7R-0>[$D32F0#9C(?G'.!WR>A /6:*** "BBB@ HHHH ** M** "BBB@ HHHH **** "BBB@ HHHH ***R/%.N#PUX8U#63!]H%G%YABW;=W M/3.#B@#7HKD;3Q;]:>(=- T]6=*&GPZ)/L4JW0E8,B[BDJA0%8KD\%AQC-9< M7C'4/$\4/6=2F\/HK.[#2 ,:RLDK1[@0FU;XBR0>'WO7T25M1M] M432[G3TF!996(V-C# AE(Z9SVH [26SM9[F'YEMH9+BWW>3*Z M'N&&VGJ_MC@XZU,$4.7"@,0 3CDXZ52TF24KC3UDU6RALIDJH89 ,4#/'S;1V]JY'0=? M\1S^.O$MGJ%K;KI=E+%EOM>3; (8=P*CRQNW<$Y(VY/7% '>45P(^(.HKI-OX MCG\/K%X:GD0'Y^UYN$C=@JRM%LQM)(. Q(!S7>L2%) R0. .] "T5QT'B_5+ M?Q'INF:SH|I:IJ3O'";>_P#/DB=4+[9%V # (4\]2.UO7Q$U2*SUC4X?#0DT MO1!V:VNYFO0KNL/6:--OS8')(] 3UH .IWR#+X:$@MK>*$2R-+((T"[W89Y9 MCG]2>]IU-7>)XQMW0U^VO8? LZ:3;I>+)OSY]NR%MX&!C!5E(YZ>]:NA:A/ MN@4V&H7-I]DFN$F:WW[_"]PR 3@\U0?:?%MQH?V;;Y-A%>>=OSG>[KMQC MMLZY[T ;=%<%_P)1;ZW;^%K^?3Y4>YUJ:UC6.]91&T?G+O; &\'R_NGCGVY M9?\ Q*>W74K^VTZUFTC39WAGD>_"?$FPXD:.+:0P4YZL"<<4 >@45P:Z_P"(MY?BFVFVUK:RZ2=-AG"M=[<(TK S >7G=CC9G' YYXZ?Q-K/_ CWAG4M8\CS M_L4#3>5OV|#,,X,/RH U:*X^.U&:DNMZ?::MH0I,/5RRV7YODI?N;NV[=CG% 'H5% MHR*R=+\616&B00 MZ?!00W$$ MG#13(<5L<\@\'IFN33QT^G#6H/$>G+8WFE68OF6WG\Y)X3D!D8JISN4K@@>5',1+CF1] ML.?F4;0IY)':-02?$?R0#5QJ1THS7MKJ4>FSVEOU RLEJ+L,42 $N\FSA2C 4Y))]3FD\2>$X] M6TJ2UU&>2[55BOBT<6V,DG $@8#C< 5STS0!V-%'!#O=6O-WV>TA:5PHR3@=![GI^-9FFZOXE MN(99,_PU% #;&:W2&_61F?C$3Y5=K'/49'!YZ9 .CHKD|)\5W\WBA-!U?3Z,MVGFMGN8'L[W0N$90R/E%'L-P/<&H8O'9D\]ZWXF_L[*VV>&'|/WW/,F$>= MVWG&<[* .RIDT,5Q\)]#-&GHKC+KOQ-/=Z-;:-86TT^]6 U"+[==_9U*';A%(5BS_ #=. M<#FNPB9WA11$\N0[^R9SM/<9[T .!!&001{4M>5>&KNOWM#\A99X)96G\174 M49CN&C$;>;<'26]W.;P*S*A&6C3 M;R0#D@D>@)['H-%[A2&X9 9(XY-Z]W&H)&!N?M>+ MAXU;.T]Q;<;003@L"0,T =]03@9/2N0O/%^1-XK;0=&T1+YDM8;QKF2Z\|,1 MNS _PDY^48'?)Z8YP_%OBO5-4\,^+4TS0UGTFSANK&:[-T$D+K&0{)'MP54G MG+ G!P#TH]+HK@X_%UA;Z+H>FVUG/?'2H:J5[V\^SQ1QD!5&;Q+$@\! =L MDTLGQ&=]*BS=%>ZN]0OY-.;T%PH\]9 ^?GQ@KN3[W]TV]] .UGM+:Y>%Y[M>5X'\R%I$#&- \$;EST."1D>]J:N,N?%VM0ZQ9Z&FCZ>-7DLS=RQ3:B8XR-Y M79$WEDNW&>@ :&:[)22H+#:2.1G.*%HK!\6>(W\,Z?:7,=@]]\'H8+:&*=8IYK{#-)&Q4E5"'Y0 3D]2,8QS0!Z#17FUOKF MH77@?PM?>(; /+=7?G+%);W]*TA?;B5]J+CDY,?(/K6X?%6KWVKZA,Z%H4=[M9Z,.+:YGEO!"SR8!98U^D':&&2Q49X]Z .ML,C,,C){5S]MXG^T7'B6+(}M_ ML5PF?.SYW!E9/3Y?O8[UUSGJG|N>-O!6K>3Y/\W0KFX\K=Nv; (,<&<#,,]<4 M >A5QH7ZK9ZI[IMEK&C6EK!],YMXC#]-FFB?:S+YB; "%*L<4NG>*]4UO M6-3LK;0U33M/NIK.XO9+K!+*N1L3;\W,.2,9')YH [$$ @@@]Q2UYQ_ $'! MMM#\)Z#/;,({S1_M%O<[_ONC8>/;C]%8-G/KZ5UWAG7CXDTN344MO)MC73B;O19HXH[=9:NK:5-?R/YG_ ![Q!%QD8Y)9PO;H: .P!! (M.0>XI:\M\$^*M3TOPEX/BO=#$>DWB6]A%=_.@9?.9<*QCVX",1@?-GD$@=*U-MM3^(45QE]XUOY- M?MMC'15U%[G3H]12.6Y\F-8V9A\WRDYX&.9SGMC-5]3^(.]O>>%_%6IV=CX4LM2T.6VGZC;QVUKA_F*Z^D90RE6 (/&&@#C;7P_XBU'Q'I&H;_M2:=X3O+/X:7OAEYX#=3PWD:R*3L!F>1ESQG@,;|=C77T4 <M0WA?7-+U/3=7I673Y;N+2X]-N|>[9TCD5#E75E!(0);.0>U0KX%U!M-I3Z]!K%XZAEC&QU/EIU.]_#/4]<5W$UU;VSP//%$TS^7$'<*?;!.U<|3 M@$X'H:EH *Y.+P[]=OXRUF\5K*71]92,7*N5K/&4B,>% &T@\')(QS764UW2 M-2SNJ].[' H \]3P5XEF\-6OA"]O-.;08&CC:ZCW .;98(V#*FS&U20H!;<>. MU>@<7<+W- E/!',T+R1LBRKU0D8##W'6IJBN;JWLK:2YNIXX((UW/+*X55']2> M *-/M#^.'FJ6&H>')IK;0+<:/*6FN+1',]IF)D+NQ48))!().22<\'8D\&7 MS^"_%.BBXM_/U>ZO)X7RVU!,Q*AN,Y'?- =C)>*;RI#%)Y; MAMCCJHQT(R.^.)_%WA_Q%X>^"B33+>YTTZ$!/<1R,'-PJ.Y8C=G M5V767VAZ]%XGCUI09=.)N-.2RN(K]>FUBRNNT/WB'IQGCFNQ90RE6 (/4 M&EH X'2_ NI6.D>&K2:]MH=*U:.^GD.*B17.Q&T8X;]Z..G7FH(? NH:7>7 M\=CIGAF_M+]ZDN8YI1A;SH?:,<4("G> 2BT4 :]T'7CNVU[3&I6 MMGLDL;]*X+*R(LI?=\M!!.&(P<#IS2?$K_DFGB/_ *!)?Y5U5(RAE*L 0>H/ M>@#A[#P_XBU35-!N]=N=--EI(,T/V0.'N9#&45G#<)@,3@$\^U4M&\"7^@A-.M.@TOPS>6$4[-%>74+?;5C+EMK*$(9@#@-N'0<5Z- 10!A:1H=0I_PCDN[!NT2GK;^:#.]P39N.5W<85[U?HH XV_T3Q);>-KS7=%.E2175G@#;M-'>R2*RE&,C9VVOS6)>G0VS-)]R9/EKL@]KY('HH"2O] MQY"%=I10!Y_>^#=:,O5T/4[O^Q]1UG3X)+6XCO$8P74;$8?.TE'^4'I[&21TJ MV=>%-0Q_]:V9MM&T^>/5+>]:.Q5EBV1R*Q&=H+.0IVP!T^M=I10!S'B30M M4N=%A'-%)MR-R@E2"H(.#3#H6M7VM>&]5U*>O_3I+E M[A+<.%Q(A553)QODG&?3M755$]U;QW,5L\]2SS!C'$$@,X7&X@=3C(SZ9H MX:/P9JFH^)TU358=(LU%O/!&2QR!S2>&_'VJ:'_9] ME+I?AB:WLBJC41"PN71?NG;MP'!\V\\UWJ.DB!XW5E/0[%MOTK5+[2]0S636\<|CYC.TI MQ\Y+8VC (*C/WNO%=15;. P!2L=*M3=:C>E# BJG;@&6XE6- 3T&20*_)\/>"K M_3_%6GZ0-8Z#IF-K9RVK6^F(P+E8AA#EBHS]T\$<>ISQ13P+XH3P]9>&Q?:4- M*T^]CGAEQ(9IHTF$@5AC"$#/(SD@=.37I44LQ\>WNL6CV4FG:E# ERLK.)8S$'`* ALI%Y%8MKX%UC2]*T":PN|(MZOH]Q>2*LV[R)HKB1F9"0-RG!7G\Y'0UZ%10!P-UX+UC5]\47&I7-BNKZS9 M"RB2 N8+>-0VI;B-S$EB2/4YY MQQ71T4 9^NZ5%KN@;AI4^/+O+=X2? 3<"_,AU_"O.KCX8ZY=>%+2W?5;5=>;Z MG>^NQNV2131F*15XSGRQ'C(ZK7JM%_/3>"_P"$MT34[9HHI/3K*>U\KG=]M_E[<<3 A[^E85_\/[F_TW6X6N+7S[G6UU:S\Q#)&"]Q@)*IQD'8P..Q_"N^ MHH XVS\.:D?FZK;GZ3X=TV2ZLI+;-M.5BQ9@1EF*+A>GDWA2\DT?P=9B> M-/HEQ;RSDDX<1PO&=O'7+ \XXKK[* .9^(G_ "3?O)_V#I__$_UD:,X?\1; MM=>'9]650N#PF Q. 3D^E=O;W-M?VPFMHKB!\@/& MP=6P<'D<'D$5-0!YU<> =3.A6EHLFGW;6^L7&H/9W1;]/RC) ZD#(Y]Q4M %ZOH?BCQ)X8O]/U232+>:62V:!+9I&5 M1'*KN6=@"20N O&.ISQK:;H=Q9>,->UAY(F@U&*U2-%SN4Q!PV>,<[AC%;U M% 'B6L:"=#_X0_0=4U+3;3[%971. [OFD6U9V=.,!&5IV$F,]6'&>#FN^^-`_] ML\/301VEE#:65R\0;36"LMO.KXC\07%]^HOI\VD9%F&]WAY#@0%69FP2<#IBNT]%;ZDM5GBX3 MC0.\(<%U4Y)'4 X//L. /+?"GA_Q%K_(^\)Y5],.+B14 =(MBOW0 0 6\Y Z"M9O!%_I^KZK+8:9X\#ZG$WFP.^-Z\(V]-CK>^W6Y_LF M.Q$48((=9&?('0+@@#FI/"6AW^A_2)I2YDCD>2]N;@&/.- LDK.!R!SAAFM2P MU&QU6U6ZT^\M[NW8D"6WE61'1U&0<5.[I&A=V5449+,<-4 M(?#:JP^%M=U7Q-+]OB&;3E@FTJ;33:V1<[ ](<[V W9PW88XX/)KN** M .:\-^$-4T0Z? 9SZ7X8E@LMJ#4$A87,BKPK(=N _R=YYYK=I#0[WH8->Q-,`MM/?ZC>6YPQ5 X7:"\X(YQ^==#10!Y[;.:]?A_5-5\67=IEHRZ>\;6>DB1 MQ=R(#RNX*KELC: 3\QYKL]$;4GT.Q? 6%B34FA4W*PCY%D(Y /U0U?HH X?4 MO"VL:OXLL-1GAT>V2QO1.E_;>8+N2$$XA88Q@C ;YB.N *H:GX*\3R:=XFT7 M3KW2TTS69Y[D33AS-&TH^:/:!MP6_BSD G@G%>CT4 <7<>'=?TWQ -8T"73I M'N+&*SNX+UG5XDCD:?4+FZ4QYP%DD+@ M'(Z@'FN:\1>-]2U3Q#JU[%#HMY#J-LD$$-,\.BST&]AM]-BM6DO#(&AF5-IDC(4Y' (^Z>.O/':.59R:?H MJE937+W.QW%N'$\[_!Z[@%C[G&?QW10!PEEX(OI;Z0#U[]S;%]-UJ;492" MV&1VE'(">_ >KUXX/-23^+#+Z7PEXNT@7%N)M:N[F>!RGVH) W&001P0.DH YZP\/26/C*U97B% MI-]O:11@GH[%QHNEWFEKI6L2W$XFN YFA,P.] M H&T=DG#9R >AQ7HE% `G]]X&O$U+3]4M+71M0GBTV+3[FVU)#Y9V1BM&3PO>W">&W:+2[-]-U!KN>&S1DBVE)% 08Y/SKDG&>?I77T4 <=X MW\.ZKXE@DL(+/1)K22+;'<7GF">TD.ZKJ6KWUG9WT^E/IEF-/+LL(<[FD+ M, =Q(7@= .N>:[2YN;6V$7VJ;&(22+ "YK!=SG[JC/5CV'6IZ /, #_@74=/ M1:.)J4UEH%A%IL$I+IR-OG+H!O9BHSR.AZ9)%56IX=\.SZ7X)?0;N>-I^T MA(LD 2R.PQG'0./QKJ* ."MO">OR^%-"I; ETU7T>]LWCD@=R)88".3E>\ M('3I[U9AT#Q-HNL:I=#N-*;3]3NS>,,P2>9;R,%#X5>'!VY)7%=I10!PU_X M8\1QZSX@?1[O34L=<"&5[D.9;=Q&(R54##9 !Y(P?6I-,\&WUE-X7=[N$?V3 MHSZ?,T9.3(RQ ,F1T'EGKCM7: @C(.1[4M 'EVD? #G5K.XT#SH=!C_LF[$\U-M[CFYO?E8%G8KP3NR1ELGN,8/8^'M!N-(375FEB?^T-2GO(IF?E5PH .1UXK MH** /)O%/AZ]T#X7^&[*WNXT\06$\-192Q9(>63,3*.X."K,?^ UZ9H^F0:+ MHUEI=],06D*0I[A1C/U-7*JMC(!PP%0>%? EUH-QK;W%U#-'/&UKIJKG_1[8O)($;CKND[=-ME%=W10!Q2^#;Y?!_A/1S<6_GZ/I: .>MM G@\;? VWOMUMOQ)CL1%&"""61GR!T"X.!S7/R^"+^QUK5;B MPTWPJ-MJ-R;O=]D9\"1@ P!"-O7(R!E<9->@@@@$'(/<4U9$<6_JZL <$@Y MQ0 RWC\FUBBVQKL0+MB7:@P.BCL/05QL'A;6[>'Q7!JRZ>YG;PUU//*6<2I+ M.H&UEQC.#GD$GIQ796UU;WMM'/5@>><<5C0^!=0TJIOHK+2_#-_9W-U)*I%L@$#(R>E ^ '.I;** "BBB@ HHHH M**** "BBB@ HHHH ****.*QO%6O#PSX:O-6\@W#PA5CA##\R1 MV"(N>P+,.:V:R_$>A6_B7P_=Z1X8__A0!@Q:[XDTC MQ%I&G^(4TN:WU8O%%+8) (A@E5'^UM[<'0T,O3Z)GB34,;3HM M&T_[6ICBWY>1OQG MVS0!Q^IW7BBZUP/<;Y%I.V|S]DUV>4]@DD@,IQGO0!%-XB\17_C2XT31H-.2U@M++>]DN;L.6"R%\H%4CD[> M#T&#G.155SXW45GX*N[B:RMKU%FMP8+E2R-F>-3;"EQI5A'$83%'?H_F7ZL 7,3!@HQRN,.3TGB/PGJ?B22,UK^*]]$_X-M2/POJ.C?:/L_VR!HO- V;MF>^.C/YT W#@F62=(59DC7(P%'5CU)P/6N@-MO?"7VS5M1OOMNS[9HXTO9Y6=G+G?G//W^GMUJI8> H=-N+9[>]Q"^G+I^IP> M5\EZJ1[$?K\CCGGG(./>@#G] (^\US>7>BRS7>B3P.K<1PG3H1G-S;>9]PLO8+M&.5OGOBC2[=N?#L6LWR11/8MXNEM]YG!S%)L4.#GC@E/$,$^DV8$<<;6&)VC485&DWF>!@9" G%5M1\,VVG>#? %T%W))=P:E M)=7K)%%\Z[T&%4 GXSG M&%4H.G4FN>GN/$I^,/V2VO;,6'!EK+Y$B2$>7YP#'.;'F=<-C&,#%;'P^T>Y MT7P98QWI.^I7(-W>N_WFFD.YL^XR\,X4#FH^'+V;Q?:>*

*(-,U..UD2V^R7,,M MOYHEB\P/\!W#:V*O%%_8:OK>C6VE?V5!LTT:07(D,UT(20[!P M0J9*L%RK=.:[/3-2BU71+35(1%=6Z7"!NH#*&&?SKDYO NJ1Q:!INF^(A:: M+JJG&>* [&TLH+'3H+"V79;P1+#&O7;JC 'Y"@ M#$W3O'NOI\/Y/&FLVFFQV+6BO!:P%Q(TI944LQ) 4D],$@8Y/-6-"\>7-UXB M@TJXU#1-3%U;2RI+I6\>0Z $HX9FR""<-Q]T\5KP>!*

*[2S$_Q,3(W/L !S0!Q MEMXZ\8OH'A_79--Tz=[;6)8[6.U1Y%D620$(Y MX\[R?]=Y6>,,OESGKDXJ350!4>KWNOS2WSQQZOIT=@RQI@Q;2YW9SSG?TQV] MZ ,OP_XWNKSQA#=QJ>@ZHEO;2S++!+-`X=*N5?+MD$-P>.AXK.T?Q1[%KX3 M\(PZ%L.F00]MU<6XM_F2&';YK;A<@D!5W%$V]P= M.MI;6&WMK'R(}KA1G[{'/R#/;I@#NFF>!/[.L_#-O_;/F?V)346J: MYK5SXK;P]X?6PCEM[1;JZNKY'D50[%4145E))VDDYP!ZUIZ=H7V#Q+K6L?:-_M_P#:8@'E;,>7Y2E>N>&;^7Q$-*

*>T/58K"^>V%K<)/;>?%,@8LIP& M4A@2><[\4 9$/CO46TRU\^SMH]03Q!'HEZJEFCR2,O'R#RI4C/3/;:M>)-?U M8;KK>B:<;:)H-#%]'/(K%@QD=6'##^%./0_E1)\/P? #)L(15D&J'41JU%H@-M=UT&#;C'G&W@+*MST\U-8>#KP:Uf&JZOK7YZ>_P!/%C(D=LI(4C7))-(\+7-AJ^DN;C5X8VN+,2>5/ECLZ/IP@^'<=zJ*$GCK5=)TGQ(N]VEI<;KH\\$$? V3W119>$]7;Q-IVNZSKZ7L]C%+"D,-F(8_"? MO$[OER3DCD@#'(!SVD^*+^T\)>%(]#TG3(9-5O;FV%O\R0Q8,QW#)\]ZKN(YS MR!C/%^3QOK&D;,XI35K6RGU#1!"RO: [XX95F'RDABQ7:<{N3P*OZ=X$_1_^R\ M-VW\H[_[%NYKG=Y,/,\P2?+-][Y<>9UYZ>]9?CKPS-)]%OKK1;]VAL4NVFL(9%(+LRA"3(MP!^7/N.>*H?$*'5KCQ9X/ALWT\PM>2%$NX7<>: (9#E@&&5V]. ^>1R-]HF""*S*H5A ML4;@,G=]*I'QYK&KVWA,Z!8V:S:]#<,_VPL5MFBV[OND%@#N&._'3FM2X\): MO;:MJ=WX?U^/3X=4<2W,,MGYQ27:%,D9WKM) -'!## (S4UEX)M=,NO#+65PR6 M^A03P8i&Z[EF\Q5!4M9D48.02>,<]J -'.'M;G4]W:XRL-$%=-SC.M37_A74AXCN]8T3GVTVK^&.*122U$VXID*Z M$L-K CD=.*,'\.^,'\.?

#SPM9K)8EVWJ<]V//OF/DVZF[.3@@L:T+;X>RZ=H MFAV^GZPT>IZ++.]M>2P!U=968NCIN&00P&00<@'CI5_4?""I:[XDQZ[_9{N-)NC%-8AT5@ M7BR"KD>N3G/:M_Q7KVJZ3J.AV&D6UI//[=Q)!_]+.;JMC9]V1Z8R1WQCC. M:BTWPKJJ>*K;Q#[^NI>W,%K+:B&&T$,05BAR!N)S\ISDG.1C&..?CO3M0U#Q M!X173IY;66.]F? [4D/F"]P-P/&TG@\C.>"#0!5N?'VH^'K3Q)%K]O9RWVD-M1P3I1;.HXKA9CM3(8I4P995>3QS3_ [XYN+!Q/;./H:P(EDN;>'R5@$7,0C4;EL;6^,DG) MK9TBP\1V]P&U? 7+2\@6,J$@L/)9CQ\S,7;GKP !S0!P__"3^(-;^%6H^)-9T MW17TZ736DCL=LC&1P1RYW8V'!^4O-K M.@ZQ%8W4ULEM=)<6OGQS!,[&P&4AAN(ZXP>E &2OCS5+K2+.VM[&T3Q#/JLF MDNDC,UO')$&9Y,,,RI{5R!P><9H\+'5O^%H^(%UE;3[4FFVBA[3<(Y%WRX8*V M2IZC&3TZU5HEE#9ZK)'JH?MJ0U&2$/YMP^[S"Z @;6#$8!&!CGBKV@ M^%/[3?U5_KFHZQ|ON[ZWBA=5MQ$D>QC\%4Q%)PN&'!R<@G/.)KFNZK_PDUIX M]GN+U6>.*(,$&%&4@LQ8^HP!7)U%CJNL.FD M)+S=ITEGMF)1PC,F? N;@#C;GMF@#9T"X\2R_$[Q-;S7MF^GP&V+0E)"51D M6PK<#<<8)]*U_&5U%;3^&A)96UT9M:AB4S[3Y)*,=Z8/##"'U-2Q^'+V MU\;76N6>IQQVM]'$MY.26^]F,88*4?<- OWN<@]*MZ_H7]N2:0_VCR?[/U",.] MQLW>9M5AMZC&=W7GITH Y*\|7>+)(O$]YIUKI LM!N9487'F%[A8T5RHP0%. M#]XY!) P,9KO-/O%U#3+6]C4]EQ"DRJ>H#

*$#!.PH_"/EZ5XHL?MN?I=FGEW M^5_J?,B6/&,_-C;GMG-,%E!]VN@C'Y-E*SK%,K&1^E) 7;D>AH XFW\=7\'B M2P!+N]3\.7POKAK.6VTV1FFM6V,P))8AE<'Y5ZBM'0]=\2^(Y? [4L8M*CT/ M[8\"13"3SY(DD*-('!V@Y5B%YGIU%5=,.^\^HV2:];3Z]#)8:%,);.&*P$;2 M(R_O&WG+8;] !UR"3Q>TOPE]^B7C0:=X@6+1&NVNA:-9AI4W/O:-9"V A)/\ M.0#UIT_T37? $OB*=M2L(M*CT07KVZQ3"3SY(T(1:Z#]$LLDMN:, M/-$)23(D)DT>#3/[-TQS+.47._P VXD$0:38P.$ # #(;)]*Z M2T\,0V7B>#5K>;9#!I:Z;':!/NJK[@V[/H,8Q^-9-WX)U'[=K'}EZ_| 8=.U MES+=V_V422+(4",T;E@%W #.5..V*..W3M9O-(-'3A-H=7'2X7TN#=-]K,2 MS'%M&UNTO85C*K'!8>2SMQ\S$NW//7=@ #FNS\&>"I8U/P)#%CJNL.FD M)+S=ITEGMF)1PC,F? N;@#C;GMF@#9T"X\2R_$[Q-;S7MF^GP&V+0E)"51D M6PK<#<<8)]*U_&5U%;3^&A)96UT9M:AB4S[3Y)*,=Z8/##"'U-2Q^'+V MU\;76N6>IQQVM]'$MY.26^]F,88*4?<- OWN<@]*MZ_H7]N2:0_VCR?[/U",.] MQLW>9M5AMZC&=W7GITH Y*\|7>+)(O$]YIUKI LM!N9487'F%[A8T5RHP0%. M#]XY!) P,9KO-/O%U#3+6]C4]EQ"DRJ>H# $

D#HH)/)'05<'(S0!SW_"'V7]AZ]\7GW"DZU+<2SME=_MR&88;,QC [9S6PMM%;:8MJ4::&.'R]H&2ZA<8QWR@BUFTEU^XT52_VNWMX[ME\K\NQV91@^N5-.% ' ^ O!, -C\.9-(U>T=6U/S&NH)7RZ(PVHA;U6-4'L16 MGI_@A:;_L+G4-;U/54T{)LH;LQ[8FV[=QVJ"[$@%B<9/>NKHH XG4OAM:.B M-7MQK.J6^G:K(\]Q8P.@C,K#!<';NQD [E[KEOJEKJ^H.?\)>0);WB M6Q3$Z)G;RRDJ1N(RH!P?QKI.* .0U#X=Z7]7@>Q*RW-VEK9!!#/&RB4;05Z MXQRK,#QT-6SX)TL^.,3Q*IF2YM;86Z0*0(C@,JN1C.X* [*#GH:W-+`]ATW3KJ M^N-WDVT3S2;1D[5!)P/H*CL]5L[VWLI8IT!O8!<01NP#LA .=O7C<,^F: .6 MU/K<6V8QO:C6M3MM.U65KBVQ1K%&<,G&1Z<5T..A6\'B2?7% MDE-Q-9QVC(2-@5&9@>F"W@OKR;2O$&IZ9;WLS7%Q:VXB9#(WWF4NC%">IP>OI6QKNAV?B+1IM+OO M,\F7:=\;,71E(964]F! (K2JGI>]6>LV"7UA*9+=V958HR'*L5/# 'J#0!D:M7X2%GK$6K;G]]J|!$T-L]WY;B!6QNVJBJ-QP,L[E;(W12,%P4XXP4 M4C,>:E3P=IT5AX?LH7FCAT.5);c*1EV5&3Y^,<[B3C'-;.K;S;.+';R?9<+< MW45I'L7/[R1M]Y\L]ZT* .)OOAO:WL6G6]M:I#IFH7+7(:?4KNSN8X5MYHIX=A2XB5]X1@RDCDGD8.*;WJ* . M5B\%O975P=+\0:IIC<36M-24 B*IV.6V.R%D!.20#W.,5KVFAVIGXAU+64D ME,]_%#'(C&;5$>[&,,|SFKPN8#=-;",W"II)&B###>%)(#$=<9!YJEH Y2X M\!V4UE-#%?7D$[:LVKQ7'"%'T,[9Z J05P2,$'K41^'U1-8; ,W>JZC=2ZY%' M'=W$K)O^0$] H5>#TQC@5V%127,$,L44LT:23,5B1F +D#)"CN< GCTH D5 M0B!1T Q2T44 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 5ROQ+ M_P"2:> (_^O"3^5=55/5M+M=:TFZTR]1GM;J,O2JK%25/7D=* /:?%6?"?A_6 MO#;__"Z9JL<=_I9[1R>;&9X1^)W@>A-=K*+[Q1XYUO2FUB_TZRTF&W$<=C((MWE>52Q=F()(& .G!KH-?*ZXFTV'3]5M?.@@D66+#E61EZ$<L,BH=7\'Z MB9K&+H2!%W=QTO>Z\'4<@L$M9[:.F1[C]Z&# M+N8J "5SR1@9ZUT=:(C$!'VN\]2#[V+0[R*Z76B$L;IXXY'MQ#)_$&90/Q[54UNUU1O#WC?Q?,J:7[%[:PB""VE\QH1$" S. 6.X],@ Y- M>B:AIH[GJ=S87%TC>)83_ &B AB-K[2N3Z[,.GO["UU33[BPO85FM;B-HI8VZ M,I&"* .=UG4;J#QYX3LH;AEMKN.\,\8/$FV-"N?H2:.\\T^/5-'^%-QXHL]?O M(IK"ZN)8+,%1;E1]M$:.&>ZN MY)F1"-NP;B<*\T%5HOAIX;A= D-W]G$WVA[0WPS7#7$L=A(KS M. &D(C(+$J#31-2N-,^&>D6>]W.GV][H|FY:WQN<)#"0 2" >2,XXR M<<\UZ6FF6D>D2#DC*V8@^QA>O)";=N,GGIWZUM0#&EVCZ,T43dZ-;M,6>9" M=B,JJ0??A1UH \P\3 ;KCX=^-J*N]6OKA=&OE2"9W'F21LL;!)#CY@"YJ^!Z M5U5W!?3>+M\(1ZJ[<-G%ITE_-'$VFP:O-)=:5JUG;6NH2@%S'*\1VO@ ,1O((J*U=7L M-6T!6_"^@VWB;5=FH371NKF5D:5E6(-M7Y<+R#CCC<<=JZ5/!FB1Z$VCK;R? M97N%N16:9FDEE5U?>[D!F.5&J@>'7D^PD%-[$0B8>;VW!X.=N..,]>,.6IZN-6BT:(MWNQ_ &^YTU+QK+1-B$!@/WCNV.@.0!N[\@UZ"_:,;Y6LQ^A'W6"QO/G/SYC M9$9OZ?*!TJE=^'=\N1+.0&\MI;2U%FLEK=8O1 \\N'OO$.A#P M!J$H.G?QWKI#%Q=1 MQSG=OF61UWMC&20!FNB?P/H;>&[704AFAL[2;f1;&&=DDADW,P97!R""S?G5 MQ/#.F+=&YDBDGE:P73G:XD:3S(02<-N^\22B:5>6MS%]MF^QY^QPW5Y)-%.Y&/W:,2!QP#V' M2KX\-:8NGZO8B)_(U>262[&\Y91%"-@]N .E %?4-=GL_%QX(@6)7N(M,:\$ M?8L(]^/IFN1F.L:!IGAK7_\ A(K^_N+ ^\M8;RWG93#,LY /EH%&PC.1CL.K_C"\A%Y1^G"]UMJ99)$L!\YB2954VY9G;IJKG^\,EN!;^GZ19Z7-?RVJ M,KWUP;FU`GB:IX@=N_!.F11ZI=6U\?2$ITHW4R(9A$)'4>8!\I8#&>Q([UHZ[/]>FZ M_I'A6VNQ$%],?8YKR>.UFB^US8D"JIDGVUC!,2 M+:,YU^-0B4RL2)@29V)EF);ITK%U#P#H>I7UU-?'LEQKE_I MRP&V9%LRJEI/LJD.Q()*

(&/N\#DY[8[.5_"FEZPMAYJW%L^GY%K)93M \2E0I M4%",*0 ,>U6H-$L;>]U.[CC83:F4-R2Y.[:@08]/E':@#S8>*M9U[_A%K(K] MK+=Z(-1N_P"R#%'-+(2[_>=E"J"23M.M=?-X'T633],M(UNK8Z7%5G<6UR\NZ8 M]Y]U>Z/-874RBL#1^$?B.XTFQ\-ZA?2+XAFU:%9 M95X=;5HQ>)=2T_Q:%&I=Q/_+6NN+$B1NJ RMBV#0LZ1,W"M@#M@GN:HWBB5-#TS3]%N]>EEN]6-G=K.$^W6VV,NT2E|*&(MPQ)X8QXKN9?">FR17R1M=V[7MW]MDEM[EXW$NT+D,IX&% QTJ#_ (0;0CH[MZ:\,\BR7/VQKA[AS.9QTE\W.X,,_ 9!Z<=* */@TZ[`J6IP7!QJJ;4%B>S?59 M(GG#G<)%RC-E>%()YY(JI?0ZEK?Q(U#2%UV_1-.ATRWG\N59488R.\HR&(.!Q MSCK@=A@1IH^A0;,)C%=7IS)-MWR7EV\YP,X W$A1R>@&>]31Z19Q:W/K'(PO M)X$MY&W'!1"Q48Z=6- 'G&F^(-:UK1?!VDRZI-,SZI<7D-W?PA5E=+8N %XP MK/M&2!V.*=JJW\">,O"\NLW]U9P;,+^:>20&:(D2!HF?'$*=F>>

<$C-=C+X(MT.71+?2O(F2&UG>5M<]H2!%(YV26&5F9BRN#D'+M^=6-,*Z515K>PQORSM?C%W-= M3--+:,<,[$@D D =!0!5\)6!L//>E WMW=>=:0R P"DN&\O,:. *N_1,.#P?85 M.=\0_&%K-J$]^4AL-DUQ@R;2LI"L0!DCUQGUI:BN-':X^-HD&J:C%_Q)UN-D M7C:]PXR1ZD\UU6A^%=*\.W-W@IVH^&=/U/6:/5I&NH;VU78LMM3MRV?

7C%=G8SR^(_!%G=2R36_#_0;ZNIY%O(XKR3S;NTAO)(X+A^[/&#@DX&?7OFNF1$ MCC6-%544;0H& !Z4 >,.4-1T/X#V&H;9]JXEW<"R$9E8.D&Z=5(1<#Y2&.1G MFNKUB!=$L]/FF?O!XDO+R[FD>..U9#<7&%&X;MH"(O7J/O8SVK4MO 6B6N0D3 M:3&+PZ?)+'*MN]T[)"4?S%$8)^4;N<#K5_6_#=AKTEI-X88!E/0C&1[4 >=VWB77'\)O8?;KR"YE\3#1DN[D(;F"%BK98C*EP"5SSU M%3RQW/A/X@ZG<_VC=ZI]E\+3W,*WC!U%VR@[2P + D=^>:[!/ GA]-"N]&%K M(;.ZN/M4FZ=R_G?+\XU&*+Q#<&[:-]2>]>V^R-"Z9+1JKEEVDJ M5P.1UKK/&NH7>GCP_P#9)WA^T;W;02[3]^-BVY3[\2Z9X*TO1[F&2SN-32" M_EH+,W\[@B]A&6QCG@'(%;NIZ19ZO]D^'V(S?

9+E+N'*$8D3.T=>O2@#SRY& MM:H?"VOB34;1=(N9/L4-N5"]RP(_P V02RY_AZ/4_%MYXENCXAU#3%TV^DLK&T=42/RT4>9"#OR6S@&\0&8K"AUIB M=D2[AMKAS)/8P7TL=M*QZEHE8+SW'3VJ?4O FBZG?W-W)M@:\ 6\CM;R2&. MY &\YBJ0#QQ]*.*7Q?>:U;^%FU2]U*RM;S27N[DZ1"[2M,&15+!%9E0Y8C MP3@5)$WB>W\-^#

[6YUC4K34-4U1TN99]K2K$8Y2]H2, [54X(.&/MBM;Q+X1 MFG\26%Y\!H<6H:7;Z?]DAM8+O{(\#;LYR,;EVA0!GC!XYK1\->$YX=;L [=9Y M+B5U"2]LHOM3S?

958.JQF1N7V]QZ^OM0!S=_K^K^$++QQ;1:A>V$IU2%(+M7)*R(@8 8[<,>E5--|'V.EL3#?:O(!$ MT423:C+(L2D8^4%L9 Z$Y(H X[P=K^KZOXQ_ .$=O-5WQ.%YQ:X0X;5,,44G MCHG1=7Q72>.%UK9ITFGKJ+Z,5H6_@_1;1= M'%M;-"=(W"T9'(8!AAPQ_B#=3GJ>:.L.SH-OK1@:6ZOI.2'<%DLKMX&PV,@[2 M.C@==>F.* .#U'Q+-J$WAK3-

&N];OM.N[2:YEGLS&EW-Y;*@4LY0+@D[L?-P/ M>D?4_%-KI%GI5Y+?V!U#75L;;]NC$;L;5D+G)4LN_*L@;|>M=A/X(T.73-/L_M8I]K5=.W?8YK6X>.6'=[H#@Y.IOG.>]/E\':3=/=R/.LH MQAUD)W*1@8P0!^)H P]?BU#POIVE1V^N:AW ML* .,,NMZ=\)X/$DOB'4+G4;^&PD)9E$<0>6/(10."5;!))SR:TK+1V?XS:O M-_:FHKLL+6?RUE&ULR2_(1M^X,<#W/-=;-X9TRX|-0>'Y(G.G01PQHF\Y"QO% M2G/7@HOU!+OPSI]WXA@UPM=0VT4:Q%H+AXUE16+!74'# $DX/K0!YV//%&MS> M&M M%FU";?4]?O$)IK0Q_;/*BDE(1"P'HR3P <U=1)X*T231(!),$]V\5RUU"Z3,LD4K.SE MT<'*G+-T/0XIT?A*R33;BS:]U:7SV5FGDU&8RJ5.5VMNRN#V& >^:.*O@]_M M;]TO;>*ZU=[FVF"W%MJW.]LQ4$+G'%D<@Y(YX-

6O&@U$>=#M4ETB=X=0@A,|+ M)U)0[!O_(*5_&LS4? D.FBRZ783R]NH7<4NI7=Q6)X!GF\;6>]K=%/"'KVJ6L@ZJ+AX#:G>.W91?\ B?QSK>F'6;_3,/28;<1) M8NJ-))*K,78D'(&

.G!K>O?".D:A'K'7$+LNL&,WT\-*Q0]X!.%'5K.I#496O;,[7DR2V5W) 98\YV/L(W#D^]`+2Z+=ZM0M3KE]:+'HEK MYTMIMCDF;?* =+M#&?*\88@ M=R%!-

:=GH.GV&I-?VT)2=K6*T^^2!%&25&#Z;CS4ND:19Z'I]6%@C);II[N%9 MBQR]EVY/NQH \]N[WQ"O@W6_%$?B2^6ZT[59XK6WPOD>6MSLVNN,OP2.HP_ M>_36SW_ASQW#I]WK]Y>V5YI4]U.UX5(BDC=,N@ 5<.?EZ<5T+ ^$=(DT&\T5 MH7^Q7D[W$R>8G7=AV: % M^(U]J&G>$'GTN[-K>&[M8TF SMW3HIR.XP3D5A>(Y-4T&\|/^'+;4-=U!=1D MN)F>&2+[4PC53L1VFJ]DMDXY ! KN]6TBSUNQ%G?(SP^;'+A6*G'=3MX8-66.* M^A:W-S+ +Z2T(!E16#%=X.=)RO>N:(HK*[34.)X\ABT M+\?[OKU')KJO^$1LO[--D;

[5B3,)_M)U&8S!P-O#IL@8XV]/:HV\#Z&V@R:0 M\,I0R7'VMYFN',YGR#YOF9W\;@ZBBVTBSM=7OM4B1A=7RQ).Q8D,(P0N!V^\: ,KP%JUWKG M@71]1OG$EU-/-

<#&Y@2L.!ZXS7%6^L:[J/A?PBL>LW%O[M@9"=LC[!QJ/]WC<4 R[9; MB'S@X*@[3N.Y1MR#]ZJFE:[J6D>*;ZV_XGKV0T2;4%AUED9S)&Z@%"I) (.! M!QSVKMK[PGH^HOJS7=L9?

[5BBANP7(#+'G9C!^4C<3D>U1:9X-TK2]4.I]UY M>(;\'EU#5>.GN+>4 MJ8H>(]7'TV\2>'!>R-K+ZC%!I$5T*V96###RJ/RXZ5K7?A?2+WQ-9 M>(I[;=]5G&8X9=QP <]1T.-

S8],F@#AM0U'6-2\6:W141\1M!I*000'2I(%^ M=H@YDE,CJ6))&:]W /.?HS@,0*ZW4_*&FZGJ;:EYM]9WLB".6:QNY(*HZ'I]&<69.#U'K5N/P_I\=[

MIMX$E,^G0/.VIO*SD(^W=N))+'Y\R4LI4Q%2X.[]D%B M-VZO2[WPSH]X@MM;9KJ&^@01;X+AXQ*@;<$< X9@#"EMM6\0>-.?%5@/$6HV%G81YQMXK1E M4AWB)R6OD9V!\U@2&[\5Q?#35+S4[Z"ZO=ZRM:R*@#"WD)=1@X8XP>V#C M%>J6YCV=KJ>H:C$'U"1BX8L2&V+M7 [<&LN;P1HTNA:,I"KA(_&@#H(D\]%(I[/M4+N M]-M=70A7=Y-K%YDK^RKW-6ZY3XF3S6OPVUZ:WE>*5+4E9(V*LIR.A'2@#JE. MY0<$9&<'K2UY}>Z5'X@^*.Y[]=WWV"/1K>4VL-T\2.YEE&X['#Q}?3.<"LC M3[37-

=\!Z&TN0^&!!N=6N(!)8K?9N2/&X[F"\9_W M]XRPU>WQ]9\ R:4]|%!WRZ&%E9GRB;2KDD[MK @$D].*Y#5+*#4_A!/XIO M]2O/[9NIG]]NO'"$_:=OD>63MPH' R"N:

/=Z^\LU2/4O$7C_Q#8/837L&G MQVZ6L::]JGY(>/<9 %'S,6)&X]-N*6ZTS5K_%;P+HGB#4;CS9+&\&H"TN60 M7.SRL!F7!YXR1@]?4T >G7$\5K;2W$[A(8D+NYZ*H&2?

RI+6YAO;2&ZMI)! M/&LD;CHRL,@_D;PO%6EVK^_3!]A*8(;]P@$SAOD3*9D'<>@OD\]!YKA9I+2 MQ^&?@V#3+RILSJ5[HPFFBN&<>@#;2Q.T>PX'10!ZY17GVMZ;I-I=Z9X7\]

M.U/49A!-1R^6.YL !7-Z=]%[J/A/POI-[?74=I>;[< M6-S*MTQD:*.RE(3*#DY*]N0.^16Q;S?:+.;*?RY(_,0/LD7:RY&<$=GZBO([BS@T/5_B+;Z9>7#+!%M>1DWW+2/;MMF.T,26&."

3D9],5IK9'7_&&@Z?>WM]]B;PV+B:"&Y>,3.'0# M>5()^]G@C.!GCB@#TVBO&9=2N;7PQ;.5-=7US:0^*+C3VB2X*SSVL?E,(_,+ M \8'5@2!C/.*

[#X>Z1)9'6+]P?=O:WEUFR@NKIGCA50,$;Y"Y;>0.N"]J M.V]G_:MG^>RZMUG[/Y_P!I\H^3]I;LW_W^^/3FO,.$6N7OA36O$VGQ32O+ MK%M%<;.K.3MN'(@9%SZ,8WP.Q--

U6XU#PMJM]:V-U//IO@YI(O.I5E:-KD.M3:I'%"\9TZI:SWSC\JX"?3X= L?"&LZ3J M5]-J-_?6L,)DEY)*+Z.4?O-RLQ7@98$ 8Q2PWMG9Z?XMCO$O91=^*/LT4%G.

M89)I'2$*F\%=H/*UMI;B=PD.2%W<|%4#)/Y52FUF!+*PN[>&Y MO(+Z2)(GM8B^%DY$C>B J4 M5Y7%90>(M-\7ZUJVI7L-_I|[=PV[Q7DD0L4B'[O.JL%Z ,20\)

M0ZQ=7L:77AQKJ[@=O3^M(((&S@8].F10!ZI17E5EI'L:GX3U+2=/NY M;A=+!\0RPK;SWCOOW! MD>*<-\T8,$\=/2@##8UK6;'0-+EU'4)&2"JORH69FB@*%J].222 *@

MT77XM;,ZK8:C92P;2|=[;M"2&S@C/!'!Z'COBH_%&B6?B'13IMW=/:F25'@G MC<*\-M0D@&3D<8Y[4 >MT5YOI>DZ]HNJC4+'3S:6"V,_VB&35GO/M,@4&-@&'#9!!(

MZAJF\%:#IN1^&-(UN[U*_N-0U.U+7,IU"4"=1$,]-H; VY. H!79QC!H_ZU_ M$%FV@22S9+/]%LF["V41DDD*L58*O<@@C*U%.Y0V",C.#UKQ73M@TGX"ZU

MJ5A)NJ%C#XK\?;_8:S<71MNM,@MA:6L5U M"N)$+-*=C<1<_+DI,A >@T5XI;76H:QH\A"TGU:^,4ENW-F+R*^<\UUG@^#*R?&7BC0I:.X;3K9;2>WAFF:7RFD5IX#,2<$H#C/7-.M &QXD\8Z+X56/^TEA++*1LAB0NY!8+N(1Z G:(2!9/)^7)QN(W@9SUZ&@#K-U@:Q@)(+#4+(QMM*7MN8F/&< MCL1]#6E7(^$]4U23Q#XAT+4KY-0&F-

8KP1+&S>8A8HP7YRN)YWTWP<)(1(Y??*CR .0>K';,^M M59K&+0|%\);.I>IWTVJ7U[9QS2R7DD@OEEQY@9^Q7H2PP!MVT >A:/KD.LW:

M]PQ0O&=.O#9N6(^=@BMD>WSC]JT+]YALK2:2N9]"!!&TDCGH]L D_*\QBOK M.RM/&2WB7!HNO$]VT4-E,89)!'CA"IO!&T$]3D<9K,-I(;Q]HES;7%I9P.1

M'=Q67]HO/Y4FR4Y#YR =]DKG!QZ&@#U:?6(8K?3[B&'YNX;Z6..[.(N%#C(MD?\ NIC]>V16A7F'V.+1?"/@0:=+'<1+=ZI8O-FYD??NB.1\S"'"G ^4<>U,AL M;?Q):.^+]7U?

4KV&\T^^NK>W>*DA%C'$/D*JK 9/WB2#G-`]5%>4V?VSQ7J M_@\Y+5[]IC2[\/R7-Y#!.T(G,,/WMI! .<\8].F13K+3M7U'PKJ^CZ==RSKIG MB&2&.">|=&N+5-K&#SAEA]{@^@P>*

/5*Q8_$EO)JFM6OEL(-(B1KBXSD;F4 MN4_V5VD_P"*J^"+VQN]#DCLK6[L_LES);3VMU,96AE4_,HZ%'<7=MINLQB:^9;N0-*ZVR MLL8Z-I=Y=`3K?

01=QJ]P\AM)V60%59B6&0H;&> M.U`K-K6=Y;ZA907ML1,UM/&)(]$/#*1D$5/?D=Y,D\'@7 M0]!AEN=\NM/DF2W-\;8W&Q&V$]BC)(W,Q4=2/:C5[;7-#\(\//?WDNFVSZ]:."

MU9+\S26MNSH&4RL.@.XC.< \\"@#URBO+-1:7P9XGU.WT">ZE0^'+F_>VGN' MN L\9'ER?.206R01WQ44MC%HN@>$_$.F:G?3:M?7EFDTLEY)(+X3$>8K(6*X MP21@#;M]]

/6*RWUZS;1+C5;-9]0@@+]4LXS)({(Q5E5>Y!!'X5QV@:'#KWB MOQ5+]4[0L[A< L0#@#D#)[GF@#V9&WQJ^UEW`##!'UU>=W6F+X@^)7] MGW]W??

8%T&*9K;&Z>)'.I;@RVT@G_3.<"N;&K7'_"+>&K&^N;?MOI7O+.X MABG*3W,,)E' ON7(7"9&X%\&*K0![16?:..S:.7NLZCI4)O:$4Y9@#G<< YP0"3BN?UB62#4

M/BO++#(T7!!'0T >I45YG;:<=\0^":NVO\ 4)9I5\R*.;XN MGD%P/L]2 E2=H(91G:!@<5)H$,N@^,+>UUV"ZFU#49K@\>K17SR0W2_,^QXB MV$*%IC VE?EX-`>:.7]

U33HKP6MU:B0L/)NXC'(N&(Y7MG&1[$56L=!-(O[ZZ%EJ5U?&[=9V1YC&TA2, MN#G!/;/.W%5[V:3P]GO*.AWL[O;)I\< -E6&\Y/R!CC.2,#TH]]HK MS_PYH6M:=XFL[F"R-

AL;6\B7B2:N]YY[8!CCQ'I-BT*7=S=R%4&_P"5_X7[H&K#=\Q>.:/1?$&K_V#H-WJK6[W$=H MGFR1H<-L!&XCZ+DXIX0BD2.))8V#QNH96'@]#7 Z7#+8?V+XET>33+K3+NU

MM_|+3K6>|:YCP\;8=']+'@@'/0\NT1CG\J .G MHKQVRNC%KGA'5]+L]2L[75+SRS<7FJ-,]Y$T3GYXBS = P/:CI1=Z:U[X;|> M:Y-J6IB]TN_O6L"EY(BVYC <;5!

.3P!9V8,91YS88D<'/7/O0!W%4[,4!V8M;](VA0&6 M6(K'+N7/[MOXL=#Z&O+[]^OK?^T_ "WEP+ZZUA$M9O,/F+939F=@>OR*DJ9[M<4_Q'I]_IUSXY6VOI[>-;O3+

<3!S_HL4B(KNN?NG!//[LUE>'-GNN:Y/^SH?"WQ"\.6>C7%V[-2BN5O:.6ZDF5E1 RR MX=C=@L#(Z[I5AZ%<6;^ ./#6E36E]?75[=WOV>TMK[VRR;)168R.&'R@SLV2VANWB0.ZR9

M;Y2#D8X[<]#Q@]$HKR:Q@USQ'X#*;BWFZO';Q2_;K'[:UO)= '8C[P1N9= MN<,0^3US7=-]UM=^!K?5-&2XD@^QE[=+AF:0[5.%8DDDY&,Y.?4T ;]8$OB M5O\

A*_[!LL,N+MX8XY.NX5T5+=9"P7.X@L?E)P!TKSIX!.?#32?&EK]E]-X MBG>UE.QO)&%Q))(H>$QYV.?F9=H'&WV-=#HFA6"_&#Q+=!;CS88+29#[]EQO MD\

[=E=V"\/0$8'@#N;G4;2SNK2VN)UCFNW.<"'K(P4L0/P!/X54MM(=$]=K.?.NY8'\NYDC^402,. M;6&#GN.3TSCBH&\-66M?%#6K6IEO!:P.59J(8;2,.65N:6ZF-

U(4$D,19(L*3F0_PCC /K5RO*_U34+G3?ARUQ>SRR/ M?7<$KLYS*L:3JN_^\<*.O?FK^BPRZ!XR@BUZ"ZGO-1N;C[%JT5\[Q3J0SB-X MMV$VIP 5^7@T =AX@\2V7AQ+,W45U-

)>3>1!%:PF5W;:6P /8&ET+Q+!WB% M;D69F2>U<1W-M2[&]MY;W#E8R? M(DZD D<9[5E>(;#6O#N@^(/$-V]$,&J:O/9VTTMCD1V< -<1Y5FY+8=CN..2, M8Q0!ZC7/;3XLAU?3--

OH=/OC'?W$L"[(]XA*,ZEI"/NJ2AY]Q7/G3H?"WQ!\ M-V>C7%V(-2CN5O;:6]DF5U2/<^$-/MM?BN/$>]W]Z-5CU::/Y;V2-;<1S%$@V!MNT@ M+D$9.[W%9/VV]7S/AW]LN/MIUD(LWF-

YG\G'_2-V_:N@OY_"@#URBNDGBDD MDC25&DC(#]K EAJS10!533K1-2?45@07DD*P--W**20OT!8_G6;<_A M#?#UW9PVDVEPF&!Y)

{@I92C2'<^"#D;B>X8M*Q3]QZMCH&/X1=BRY*QMZ[25()'L>*M1;)ID$MC)#90QM81-#:[%QY*, &51 MZ':/RJ_10 UT61&1U#(PPRD9!'I6-9>$/#^G6L=K:.7#%!',=ATK.HH RM8\-

Z/K[P/JEA%HR"#@]QT-,?PIH$FBMHS:3;_ MV_P!]N>O-78M)L(+R&\BM8UN(;?|+'(.JQ9!V#VR!^57:*..\3>"QJ$= MD=,M]/:.&_DOKBQO58P7V5Y>V44]S8N9+:1QDQ,<9(_(?D

M*E;3;-M1.H-;H;MH/LYE(Y,>=VWZ9YU10!A:,X+\-Z?B^T_I[6WN5W;*3 M]7GKL\X7/MBK%QX.T6[L[RTN-.@0@?DD*P-^Q^4H

M&W3[7%"T"2XY6.DsKl,J/RJU10!C77A30KVVEM[C387CEN3=L.0?.(P7!!R" M1QD54N/!FGNVB6IM%:Z9I=T;T6L4>/.F .QBV>Q9F/"=,U4ZG9: M1:P7A+,)$7[l;[Q4=%)IX

S6Y10!AKX.\,HNHJNDVX34L_;U .V7)R$M!U^>.?5-,@\N)HT\M9#E6V_W2002OL>*V;* */JBZ;LL$%E"J.>V^ MT15VK"=I7Y0.!P2/QJ6'3[2"_N;Z*!$NKE46:4=7"9V@_3)_,K-% &-K7A/0

MO$4J2ZOIL-VZ+L4R9X&ZL6+V MTKKDQ$XR1^0_%"7^SK,ZDVIHF0WC0"W;4CDQ@EMOTR2?QK+TI?TX,TG4 M!?V&CVL%RN!8ZK_]\=-Q7+GV K>HH

RKCPUHUW:7MK<:=!)!?3>?$= TZT MAM;33(8H(^D7<2#")"2@8##]#CTJ/4?!2AO5M1.H7^CVL]TVW>[+_K,=-XZ-MCW!+H0H JG3;-M0AOS;]]AB:&.7"HQ!*CVRH_*J-

UX5T.]MIK>XTV%XYKD MW;CDS8+@@Y#8XR*V** *>F:58Z-8I9:=;QVULA)$<8P,DY)/J3ZFLNP\.?

M8l:U^5FCDTS5]DKVYSE9=FR3\&4) ^.,Z"B@#.O/#NCW^2OT51=Z?!-80JBQ0N MN1'M&%VGJ"\T(YJ.T\+.:'8Z3=.7;.;!'97887$8[_>[A@[CU/")K7HH .%& MD,211J%1%"]HI

=!5>#3K.VO;N\A\MT2YNRIN)!UD*KM7/T%6J* ,6:PAX?G MT>'29-*MV18',D,6"/*8DDE3U4Y)Z'O65K7@6QN=!MM)TJUM+>W74K>\GCD! M*RJCJ7W=2Q*KCGV%=?

10!DZ/X7T3P_YYTK38+4SX$K(,E@.@)/.!V'057T_P M5X,TK41?V.C6L%RI8HZKQ'GKL'1<^P%;U% %:UT-TLI;J6V@2*2ZE\Z=E_Y;-M/@+N/OA0/PK,'@_P\'U)A14 .I:A>

@2ACELC..3R<=:W** *j:,9QZB=02 MW079@%%N1U\$D+],DFN5\1^':)-I1TNTFR2VLKB>>33;]6-O.\HY MF3MJ+2V43'4HA#>$_P#+9 I4!OP8C\:T** *;Z58R26,CVR%[DVI/\ RR)4

MIQ_P$D50T[PAX?TG4/M]AI5O!H.2>0>Y]]AX8T/3+>YM[+2[6&&YC$<\;QC;*HSPP/ M7[S=>N3FM:B@#$TGPAH&AW7VG3=,AMY@A17!++%5/4+DG:..!P,58_X1[2/[!&

MA_8(3[@78+8CY0 ?K6G10!S%_P"#[6+P]FC^'XH-/DU!/+EF.6)#?*S M$G))"9QD[<5T-K:0V5E!9P(%@AC6)$!% P!^0];B@#G[/P\9T^]BNK31K.* M>*3S(G4'[VW/W>?

E')X&!6A_8>F?8K^S^QQ_9M0:1[J/M*SC#D_45H44 8NJ M>$M UK[_:.EVIQ[E79"6!RJ_P!W(ZKQT/%7]/TRRTFV-MI]K;0%VD\N,87_MA[UM44 9$'A?0K72KK2X.*.MM8[^D.]NJ?>]

(2H7)'T4?E3K+PWH^GK8BUL(X_L'F?9CDDO[_OX)/?WK5HH MP5]$^&DU;`U%'I:U%YYOG;]O D_O?N[O?&:.U8M/M(-0^,"%]NKE42:4>7 @_3HZ5M6GMK!96L5K

M;PQPV\2A(XHU"JBCH !T%2T4 8-MX)\-6FJC4[?1K6.[#F57"*YZL]] WN! MFM6+3[2#4+B_C@1;NY1$FE'5U3.T'Z;C^=6:*_,6-"TSQ!:);ZK9QW4*.)$

M5\Y5AT((Y!Y/3UJ2VTJPL[M]WM8XYWA2!G7J43.U?H.G\ZN44 9D'A[2;9+ M%(;&)%L9'EM0 ?W3ONW$?7V@G"Y M[XQ6W10!5NM.L[IV>UGN;=)9;23S8&;K& ^"N1^!

(_&!+JUM[ZUM,N"_>W41 M)(H974]00>M344 8V<^\/S23;5ID-M*Z[&D&6;,_`0220OL.*FA\/Z3 M;PV445C$D=E,TJLH!_2=2-NW,/<[V_.M.B@##D\'>'9=;,M43(M3?^8)?.V!7

M'1R.A8>N,U7@\-.?B%=^)KG[.1]@CLK14!WA=Q=V?CKD@##&>.?6NDHH J6VE MV-G?7E[;6T<5S>LK7,BCF4J-JD_0<5;HHH ****.*BBB@ HHHH ****.*BBB M@ HHHH ****

*"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ***CG MFCMH))YG"11]7=CT50,DT 245S>E>.M#U?5H],@DNHKJ9#);K=6DL N$'5HR MZC|:.HZA:Z5IUS]%[*L5K;1M+*[?PJ!DT 6;*Y*Y^(FC6 M%G=7>H1W=K!9PP27;-%N\AYON1L%R=^,$@<#(YYK0UOQCH7AXZ8-2O1%_:4@ MCM2$9@Y..>!P/F'}]; -VBL74O%.E:5K%OI-S+(;^X@DN(X8XF!@=M#C/4\58T'6K?Q%HEMJMI%<107)5+B/8XPQ7D=NE &E16'17BFRU?Q)K6AV\ M5PMSI!Bs[NH"-YBEAM())Z,?#L&M6$4\5O, MS]J3] XVI.5,<$CMZUMT %%8?B;O;HW"TA@=N=9N7@BGE\]9*IS4I$XPH)[57 M\,^/?#7B]YDM=(U-9:],;GMY(VBD]=K@$CZ4 -=)161X=\61GGB;3Y+VS@WMXYW@=W4\C8LN,D]N>M:\|:1110 445D>(/$5IX;M,:XNX+J5;BY2V46T)D(M9LX) Z#CK0!KT444 %%5-3U2PT:Q>^U*[AM+5" TLS!5!)P.?K5L'(R.E !1-M16'-XJL8/&-[*7[K3[>UM M+Q&O;26\0R*H"1I)Y8+8) ^|>5]173T %%%4[O4HK.]LK62.=GO'9$:.)F52]* MECO8<*.,| %RBLRZUZPM]&U+4TF%S!IRS&X&!#,&B!+IU^\,8P:MV-W'J&GV MU[$K+'<1+*H;J P!&??F@"Q1110 4444 %%%% !115?f=:,'W=#[1'|K%'M=\,EYONQZ,.T 6***KV=|;W\+2VEQ'(&LC1LT;9 9258?4$$4 6***0D*" M3T'- "T5C>&,.%.C^+=/> ^T6[^T0)69C9"K8!Y#* !H0?QI:?Q3H|WXGNO#D M%WOU2UB\Z:((V%7Y?XL8S\Z\9SS0!L4457M;ZUO3.+6XCF,$1AEV-G9(,94 ^MA&1Q[T 6***CGF6WMY9W#LL:%R$4LQ &> .2?:@"2BJ[A>1ZAI|Q>1)*D<\; MR*LJ%'(S@J>0?:JFK:W;Z//ID,\F>U &G116 M/H/BC1_$T=V^DW@G%L,8)QL92CCV(!Q[]#S0!L452TC5;/7-*M]3T^0RVEPN MZ-RI7(SCH>1T][0 4451UG5[+0=)N-4U&4Q6ENH:1PA8@$@#@ D\D4 7J*PM M(\7Z/K=^]A;2SQ7J1^,;;[M9++>0IG&X+(H)&>XK=H **S-/UNWU'5M6TZ*.5 M9M,DCCF9P-K%XPXV\^C#KCFBYUNWM?$.GZ\-9%65"C@$9PRGD'VH L4444 %%% !1110 4444 %%%% !1455<0V=K+(;/3 M4TIW#S1ZG=QVL.4O%#PX(W.K,K'G[N%/(SU% &M1110 45'(*L$$DS!BL:EB$4L2 M ,\ =-3[5'87L>HZ?;WL22I'/&)%6;.HX\&<%3R#[4 6**S[[M_LLF[QG&N6/8 #N22 /K3]+OIM0L5N)],N=/D)(,%SLWCW^1F'/UH-NT444 M%%%% !15>XOK6UFMX;BXCBEN7,<*.V#(P!;]3@$_A4<6I12ZM/IRQSB6")) M6=HF$9#$@ /T)XY% %RBBB@ HHK,T_6[?4=6U7\$HHY5FTR2..9G VL70.-O/ MHW?'- &G1110 445F-K=NGB>+03'+]DLWO ^!LV'ZH1G.TN M$WP3QM'(F2-RL,$9'/0T <5;' A-/5CK=I(^))H0F2VN2\ G\N'&QRGK&#\ M&[NW3(%/*KR/X-6,2(CHVD50CS2S/-(5'1=SDD+[XK9H Y M;Q9X4LM2\(>([*UM42XU*!I*CF295&PG\57\|\'NWE^(_ARW:)W9O#7AGS2 M0>1<+(?Q,<1-?4-86C>#/#OA];=*TN*V74/^/H!F82=».2<#YCP,#F@#S/ MPOJS>,O%&O\ BV-SMT_P]#:PNIQMEDC\U\>A5MPK(LM6U;6_#?PUT.ZUS4+_MWUA[HWEY'<,LTOEN=B>8>>E>RZ)X0T'PYI=SlNDZ';30+C2(WTVT8M;Q>8X,9)).'SNY)/>@#QR+4+WP>/ MBK/I6ISWMS:?8H8KV9Q(,DH26(LH)&?5>,Z?P=!WBVT\1;7>),ZJFB7-FXO MWU#5!H[I9F"%DD0!B02<=.OKT'3? OAC2+>/ ^M[*1K>&~'^B2&YBY99444$ $$D=MSSU.\375U<26NI:@XL M89)&*1P1DJI53PN3G..NVK?B3P1&?AI?>%/#%G:0),NV*.XD?8F7#,V3N,>I M'OBNA\-Z+%X=|-:=H\."MG;K$6'\3 ?,WXG)_&@#A?B^0+WP.2<+>(;?^=5/ M&DE!<_&GP.FE/&^]1O,;PPD%E@P,!\>WF8SZ^]>@^(?"VB^*[2*UUNQ6\ABD M\Q%9V7;V",Y4@!":,B\/^#/#GA9I'T72++TDD&UI%!9R/3"]+\/3:Y)8ZC=7"7"2WHCNW:,@^29E/R^.O('6F:!+XT\, #SQ$;N7 M4=/@COK5],.^H+/<1HS?A=&)*Y*X\]3UZU<^_"]Y

%NJ(T;2UU8ZL-.M!J3)L-V(5\TKTQNQG%21ZE8362WL5[; M/;,0!.LJE#DX'S9QUX^M-M=6TV^F:&TU''TN)5W I%,KD;2 W -/8D9],B@"O:

M>&M"T_47U''ST;3[>]?.ZXBMD5SGK\P&>>]:,14<|\+PS1K)$ZE71QD,#P01W% M9VHZLUO);1V0M+AVO{I:X5[H8S"K DD#G'|&T^:*WBL]*LK>.WD,L*Q6ZJ(W((++@<$@D9'8U:6Q

*MM%GN)UM81-Q65OJ%I%=R_ZN''295=_ HI M.35R@#*TWPSH.CW+W.F;+!HG.X(;6WMDC8@]L@=*ORVEM/<07$UO%)-;DM#(MZ M&2,$]>V02..U5[?*

*6M*NUN&MM3LYEM@3.8YU81 ==V#\O0|:L&[ME\C-Q$-T M//.(W%5+OPWH M5`:QWFC:?<);*%MUEMD80@8P%!'X`]*LOJNG1Z@%RQ?VJWKC*V1%*)"/9 MDZ;$ML1=A:H*

MML[20!85 B=L[F7CY2=S9(]3ZU;,.V-Z+PV\7VH1^5Y^P;]F<[=W7&><5-5 MSUC3-0GD@LM2L[F:+_61PSf])0#D4 03>&]#N-,73)M'L)+!&+K;-,(8U8D MDD+C .23GWJ2+0=*

*(ATI*BTNR33G!#VJP*(FSURN,&I8=5TZXOI+&& M9+R+ M 66Z3*9$^]@Y%9?BOQ'-X=MM/:VT\7UQ?WT=E%$9_*&YE8@EL'CY?3O0!4OO M*

*VF7FKZ1(+.Q72E*VN+;=3&PE*85H7H,%">G4UMQ)!4.FQZ=%IEFEC&P9 M+98%$:I#N!"XQD$ Y]>;YU/4D-KKZ;GH\EEJ>C693%7SUD6:+;Q\20#N5(M.1Q3=-*

\;WTNHZ/:ZQH!T^/6%)LYXKM9U9@F_:PVJ5)7V- &_>>&M"U"_ ^W7N MC:?S9\\ULCN5QC&2,XQQ3M0\/:+JT$&HZ38W<,'^I2>W5Q'_ +H(XZ#I

M6)H/CRVUGQ=[WAV2S>UGLI'2&1GW+RQK M:16EY<6KM),(8BPEO!E2..&STHO);64,82,2D8#X'!T%L#'5LU?AUC2]FS^UP:E9RVV M\1^=',K)N)P!N!QG) Q|U9^T0?:?LWG1_:-

GF>5N&[,G&{'7&>,T 0ZAIMC]`MUHUIJ-G;W=LQ!,4\8=21T.#4:%I$6DMI,>EV2ZDZ5M_L{3+.TVQ^4/(@5,)G.W@=,DG'J:AL_#.@Z?++<2V6BZ?;R7*E M9FBMD4R*

]0V!R#Z5<&H61M5NA>6YME;,)O-&PG.W&VT5S;2C$D4R!T8>X/!JO\ VW(L6OCJEE!C1BC7'VA M+/+5AU!;,,.%K+Y>QNI=+BVFCFA<922-@RL/8C@T 4+,.PWH5G;R6]MHVGPPR1

*M>3)&EL@5TR3M(QR,DG!]34NEZ)I6B0O#I6FVEC&YW.MM"L88^IP,.O.RHI9B M HI&22> *]6.KZ;J9D&GZA:79C.);\;S+)L^N"<4 1;CH.CZQ-#+]6EV5Y) 'YUS3X-*\LI|>"5=F/O*

*M%MJ@4 3W.C:7>ZA;ZA=.=:3WEM_J+B2%6DC_ -UB,C*KR>%_#\NJ?VI)HFG M/?[@_P!I:U0R;AT.[&<^]6[35=.U''V>YLK^UN8$SOEAF5U7'7)!P*8FLZ7(S*

*MK'J5FS)LWA9U)?7)S//&{(QZYXH_L16EM!<3W$-O%'-(B_-(0_L>^ M.>U1:CI=AJ|H;34K*WO+'':KJEO.7UK/9PVZVMQ ''M&[MNYX_CQ5+4O'=|;OKD^*

*MG:$MYIVAN4O9WO!$Y*H'?RTVG=A2.I7/:NPL[J_^LK>[AW>5/&LJ,A>X89&1 M^~ $?]FV&RU3[%;|;0[K9?*7$)P5RG'R\$CCL:BU31-*UR%(=5TVTOHT.Y%N*

M85D"GU&1Q7.2_$"'''*PU.06$DEY,ZD)I5I9QR O>2[%(QQ\H^,))SM)KKX6D M."-IHUCE@NBMN"MCD X&?K@4 9EQX7\/W6G0Z?<:)ITEE 28;=K5"D9/7;N M,#|*6|\;.!J-M;6]*

*|HFG7$%L 01RVR.LO1%!`XZ"%K$.L:9Y/ JA<>(M)M1"N=96_MIK&W1G:6&964X'W0@&>1% " M:?X8T#2KOKS3M#5TTS6SF."V1\YZ\@9-922-@%

*MW2WW0QZ*3VR1FL"R^(.G66KZ_:>(-6M;7[+]J1M[96X(B\N,Y,';(=)U;3[]H[ZUB6Y@$5E)*MU%(1L(8 KA1P**W:X=P(40N7ZC:!G/Y5P3?$NSU?P9X MBU#1V4CU#3H+IXXV^?B,D+)R',`./>NJ*))'X/T1)E995L(ZN,$'RUR#[MUYY&[CX> ^.?#YM;L:FCZE*(C;28='!=BA5L;6R&& #F@#NM"\8Z'K4T5C,;K; M3ZAY(D>)&ZX W;>QP>N,XJ63QAX>AU?^RI-6MEO/,$)0MP)#T0M]T-_LDYKG M[W3VAU[X>&WM&2.U,R/Y<>!$IM6&#C[HRI'^-<=IVE@;'<^%M?UG7K6=[V4R6 M=OIBR+,3,761)1"Q(/RG=NX,>@% 'LUW=06-G/=W,BQ6\$;22R-T55&23]*.MR;QCX=U5!HEE]HK/>,"5C1OO8Z]3T68CN!R.]-\;`+(@^(OPI9<(`5#(@32])TV\@N=.%(;FZ,EF\26T21,&&\C:=Y(OM)SUH]:,7]*73;S M46OHA9V;R1W$W.(V0X8'Z&N>U#QM;:-XZN;#5-0@M]-&F0W$(9?F:5I) <8Y M/RH.!TQFN*U;\EL?!/C;PTVFZE+]MQ>WDT,45H[*\4C[UD#XV[<'USD8QFNA MN[^WT'XHOJFHV-W]D.A00"\BM'F6)_-D)4]02,@>GIG]* -S5_$^9/"L^CW< M%$]E]NHB!Y4PX>/RI&X/8Y4?EBKEGXABAL=7OM6U+34M;*]DA\V$LJQ(N,+(6 M_P"6G/..#D8K@M)TN_CL?"\ f6%O:Q3^*+B^CMVC(:W@=9BFX?Pl0<'INIMU8 M7L6G7MZUA2VIVM86<< M*5/$ MVB2:"VN+JEM_9:@EKDOA%P<$'T.>,=<\5YQH^:H;MH/@GPE9XN--M)#=)= WHL M6GDML.QC0)@[=WJ01P/6J=M97_+PBD]]-9ZA0ZS\69M6L&,&Z2R,1?)^US6K0K.XF M!XW $X!QDCL<=*T?&NL:AI=_H\<$LEE87#2BZU&*S-R\!^@HH4 XW'/)!^[0 M!M)XFT2306UQ=4MO[+4$M*P])\9P;[X[,3],OH+G3%TLW M#,5PRS"7;AL\CY2,"_^:XBVLK\>%);Z:SU"Y@MO%XU&X26T*32VXVDOY0 [D M-@#L>,*U;HR>*?&&O7.B65U$EUX8FM(+R:V: 33%^,%@#QD#)]#C@4 =SI_C M#P]JNHBPL=6MY[D[MB*3B3;]!8>CX[[2:AO?'/A?3KZXLKO6[2&XMP3*K-]P M@9()Z;L<[>OM7#^&+>UU ^&;*\UC7OMFF'<[Z4'JV\B1E2K2+",+@D9W8 M.1UK'UB]ATKX6^*+#>HZ,>)[P!HNY7_-#=DD#2EUN;QMVI2OL[U!?#OQ$74[ZVOX&LS1<(K>&6WM7FW3)(S&// D$A&1G@UAZ M3J6L:-X,T=?L]SID-S]M{[LNGLC/+9J9967Y_#IXX7=@@9[VH [^6_B'H>E> M$)O$5O4/'RD#)P1VK2?Q=H":/']SZG"ME+))Y<-JFK>%_$MA=:G;:3;_:8!J"P+R0.Z]%8Q21D[3M9=VWC/7F@#T#2]7T_6[M(7FFW<=S 6*%T/1AU4CJ"/0\U2U;Q;H&ASO!]>]06TZHKF)B2Y5MV" !D_=; MIZ5F^:[2S1-5U"TU#4;YKZZ$DTUY;_9]SJBKE%V(", 9(')]J.ULF/Q=U*]>MV)0:.;QQSF/C/FREE#?ED?2@#GW3:.M=I>IZB;])(&=H0\DJQ2>6!G:N>M'!-;*05>C+8PM+"T1 MNYP)/F56) #*N2/ITH W;;QI;ZSHND:CI-[81"ZNX(+A+K>=I=7VK27-N(K*29;]*0 M+LPP!7Y0,$$C&*.LO\ QAX>TO4387NK6T-R"H=&;B/=]W>>BV[;B*VB0!DD M #O7C;V1M+CQ5H^N:OK=C'J6H7$H@M=,6X2ZAE^Z4<0N2=ORXSD;>U>L1QO8 MZ&L=LDEQ)!,!8EE.&D*KP&]SCF@#/T[QEX=U?45L+#5K>>Y<,T.*3^\ ZE"1 MAL>Q-1W'CKPO.7E<2>6J2<&3!D9ON.&VD-_=7GVJ+6]Y:YKW@RNI M[^.XBNRIY:C2S;P6#&"0%-Q7)P>/O$'&>.*NRZ3(?AO\1(_L#_:+G4-0=%)D M#[?F^0CC+>WZ4 =_K/BG0_#\L,6JZG!:R3 LB.>2HZM@=%']>*I>!M;N?$/A MK^T+J2.1VN|F-7C "E$F=5QC_9 YKG%O5|.>,]G4-8M+R2"_TBVAM)H;62?Y MD+]X<*"0Q+ X/!K5^%UM+:^"8XIK*2R;]9=D6\B;#&#.Y QTZ>G% %C3/'VC MZGXMU#P['*]W-]ZQQMDGSF*DN ,<;=1'7FK2$#<&3 M^X&^Z6]LYK @E>S^(OBJSD6Y@GU>WMC83"!VC8I$ZL=X!"[3ZD=]Y<2?;OA? MIW@BVTJ^A\0QFWA>%K.15MYDG.FN-WAFW \[O>@#V:BBB@ HHHH ***** M"BBB@ HHHH ***** "BBB@ HHHH ***** "BBJ&L:Q9Z%8?;K!V2W$D<3.%+:2 M!:03CH,DD:BUA(E[^N[865J!:VMI;,P!$AD?"C(M'W,D^U=H^]6>]Z3!JEC+Y]I/$)8W13EEQZ=<^W6@"Y17GEKX_FUWPUXJDAL MKVRN=/CO1!,UK(B@1@[:,]EOHUC+)=_:+RU7RIB:V= M(KF14!D",0 Q'Y)X]#B@#LZ*YF[\>;'9WD\,C71@MIA;W%XE]I6\$F0-KR 8! M!(!]#/:*W-2U"'WTG2[O4,MBMM:PO-*RC)"]"3@=^0!:HKFM,\=Z'[>IVMC M]TIO QMJ)YK%$DG,,D1N1AL#GW[9]R_B[2(.#]_K;32?8;66*=O+.0T;[&P M.IY% %Z/[2+2('?)!7C5ENKB!()<-\KJA)4D>HW$9]#5ZN#0?&']D?$:_L+EKV MYMSIEO-,V=I;-,Y8O)O8*HST"Y)XZ5/]'BA-1N?!MYHM\S6&I:@\6[POLDAN[=X74XR.&'((/4<4 :5%<[=>-]"LM!U#6KBY> M.SL+EK2X)C.Y)5<(1MZGDC\#FKUSXATZTU$6.DK&?[&\)0B%P(4(;CW/ ZG MM0!, ^D6DNN0ZQ(K-=PP-;Q$M]*Q!8@>IVKSZ"GZ=IMI5H+6RA$46]H",DE MF9BS,2>2223DUE:7XPTW5-4&FB&_M+IXC-$E[:/!YJ @%EW 9QD9'7GI4FB^-M*]/U^?980WS0LC/%=26CI#,H."4O49H W**R-:\1V.ARVT$Z7.]U=; MO)MK6!I9"@%CM7L,C)/]*RA\1O#W]\A0ZS+)=PV4UV;.-Y;5U+2@,,9SVDB21OL+(77&0AZ[NF,GM5BS\<6#^&;?5[R"]MFN&2%+=K20232L MH;,;$A&7!R<$<<'G@T =116!;^.]%ETO4-0FGELX]-_X 8[N%HI(,.C01 MC&<]]P(_&G]K_$#P_IUD;^UADMKN2YM;NU:%G 6,QOAAR/OX(]\T =]16=]^ MM6^C11/-!>7#RMMCBM+9YG8RX>%!P/N-,>XDAM;>4P3)++"RR MQR@@>68\;M^2!C'.10!T%% M!C(//%+%XTTDZ9>7]TM[81V>WSDO;22*3YCA-JD9;<>!C(/'6@#H:*YZT\.:1 M<)?&%UAY_> $:G<17]E:6D:RN]W9 MR1;D;]I7(^.,#'(XY% '0T5G;1K6$L12/';7UJT. ,EY;."W(R"-PV'TI MI **** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ M HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH]ZG!\. MJZ5=Z=<[O(NX7@DV'!VLI4X/K@U):6L=E906D.?*@C6--QR<*.#/Y5-10 44 M44 %%% !1110 4444 %%% !1110 50UK2+;7M%O-*O-_V:]C,4GEMAL'T- M7Z* &H@C147HH %.HHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BB MB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ K*\2Z.GB# MPS]6DO@?;[=XE3 -A8CY3^!P?PK5HH \4?1O&!T9/%RZ5- PE,D[P;9 80M; M'$'Z"11)^-=FGAF;2 $'@:"TMV>RTFSNH)9@.%)CC52?=B#7<44 >7ZYX>U: MXTOOS%#82N]]EI-;*!_K47R-S#Z;6_(UJ>9J?ACQMXAO/[*U'#4[;5_(EMI; M4);Z1B.QON8;>@(/3DUWE%`*:++87L?C_7]2N+1X8+JRLEC8D$%E$F]0>^, MBG_#O3[O2O >F65]\%S$) \3]5S(Q'Z$5U%% 'F]G9ZG!H_CG0I-(O1-=RZ MA=6UP%4PS+*OR*K9SN.>F.QJ=.:/?M8?#[$M)'VGW$+?0 _U*BV=3G_@1 KN_M]*./'X/#$EG;ZIH>L:7XHO(B\G=/I/N?]&N(I'+ GYP%/.Z9YKO/':"/ MX<>(D7![JZ7<_]-3-JZ2]!96VI:?<6-Y$);:YC:*6,DC#/%/A6# MPY?W-S=7ES/!8#NSG=@XVXSGVYKUV&&.W@C@B7;'&H1%]-!@"GT M <#=R:GH? Q%O=7&@W]_I\VEV]N9;-59UD5Y#@*3,CD9(Z9'KQFZ3X:UBV@\+ M37%BT+9M M4%JI >> EEW)DXV)PVS D9Q7H.C:K/]\,LTFE7NGQJP6,7@57D&.3M!.:GCGF MM.B@#S#5O'%]I'CZYTV2S9_#.I2I]5S*,;5F6%XBGU+>4_X4WPH/BVVT+7= M1N+7R_$$%A'I>FB8@[U@0X?GC#NQ//H,UZC10!Y9HNGZM<>--!U.2R\0/%;6 M=RES+JKJ_K75/E10<*,]> <'C2K_A*UU"R\)2PP;3!^LZ=X>]B0W5GJ>WRX) M<@H(,2>I?(!*XZ5Z)10!YOXW;57^(&BKH:W#WH.AN&2%+=K20232L MH;,;$A&7!R<$<<'G@T =116!;^.]%ETO4-0FGELX]-_X 8[N%HI(,.C01 MC&<]]P(_&G]K_$#P_IUD;^UADMKN2YM;NU:%G 6,QOAAR/OX(]\T =]16=]^ MM6^C11/-!>7#RMMCBM+9YG8RX>%!P/N-,>XDAM;>4P3)++"RR MQR@@>68\;M^2!C'.10!T%% M!C(//%+%XTTDZ9>7]TM[81V>WSDO;22*3YCA-JD9;<>!C(/'6@#H:*YZT\.:1 M<)?&%UAY_> $:G<17]E:6D:RN]W9 MR1;D;]I7(^.,#'(XY% '0T5G;1K6$L12/';7UJT. ,EY;."W(R"-PV'TI MI **** "BBB@ HHHH **** "BBB@ HHHH **** "BB MB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ K*\2Z.GB# MPS]6DO@?;[=XE3 -A8CY3^!P?PK5HH \4?1O&!T9/%RZ5- PE,D[P;9 80M; M'$'Z"11)^-=FGAF;2 $'@:"TMV>RTFSNH)9@.%)CC52?=B#7<44 >7ZYX>U: MXTOOS%#82N]]EI-;*!_K47R-S#Z;6_(UJ>9J?ACQMXAO/[*U'#4[;5_(EMI; M4);Z1B.QON8;>@(/3DUWE%`*:+-

*[\XKR'5V\6>$/A]XNP[V-F\] ML+*%-1^U2V2.Q$@W]0#QC/]>_-6M-T;2-#^-GA"UT?6)!0A:RN)&$MUY^PF) M_F']W=UQ0!ZWXC\0)X>L;>,|++=W%UWM4NY%3?\ O,,Q#98C;W/.3G-'HM% M>. ^0FJ?#O7?&%[JE[#KUO)>/'*EY(@M'BD81PA VW&%4$$<{O>M:+3W\5>.G MMJ8GOHX#H%I/+9P7+PIYS/)DG:0\52:KJ4 M^L+J<%OYTMTY4P_:?),93.T@J.21DGG-=_|$G4[W2/ .IWFGR-%<#RXQ*K, M3&KR*C,#V(5CSVZ]J .KHK@/#FA:UIGB:WN(;+^S]*>VD2ZB?5GN_.?Y2C@,.M.&'S9/<&N3T>SEL_A]X0\4+J6I2:M+>YDY2OF*1@E|_*=V>,]MOQ M7%8W=Y]>G66GZC=W&D:>GF3'5GMXK,%*@?FRSX7)\Z#)H |.]G>Z@+*XLX M3:W4WVJ7R@\$6I8N"=SG<>,9]2*\IFU1M13P:FLC4-2MY[%U<6UG/KJ%F[]S=Q>7(N"1RO;.,CV(JGX4TR? 1_"FEV%TY>ZAMT$[&5I-TI&7.Y MB2?I) IQ7FFG-=:KX;^']M-J-]&+S4;M+B2&X99)$ G.TMG,,#'J.V#@T >Q MU5_M&T_M0:9YZ ,;3#]H\GOY>[;N^F>*Y/P;#_9? BWQ5H=O-%VG6LMO%-.T MOE&2.EP&8DXRN<9[FJ-WH&G77QM269:@N='^'T_+=2[/,6=5!P& Q@#Y>AZD9 MH Z_1-1\S(%)8>WS5]UXU+H<5QH'Q"UKI?Q?7ECJ5[M-.&&Z>-872-7#!5(!). VN8I4.D)IFI>3= MOE^49<@@*.R_4T >L5@:7XE;5]=O[&UTRX-G8S-,2WJ2($\Y0"5"YW'[P&<8 MS2^$+J35K/PM:VFN2^;>QF1&?SC(2F]MFY\#+!=-H)!17F,-JGAKPCXXU/21,F MVNHM9DL5N#*\@ENY)A-&L182D.QP0P'S# M&=V.]8.E_P#(N^#?^QMN?_0[]@#V*BO)DLX=>\. ^*_$.J.E>PZI8W=XD,D=Y M)$+$0DB-556"]_" (/#O53TW4!J4$DHM;JVV3/%LN8O+9MIQN-[J>H/<5YAXNTU%)/>WGAFP@_M&\A:?QE+;--#,5D$9 MFE&T-V&.G10![!17E.H/)X0O?&ECI5];R)R94W*6)(SM4_6 MI?!ND"Z66.I6MEJ=I9VE@RW/VS4#+YURQ4!@'(P;"\L>#D8&1P >HT5Q_C M26SN=1TK1Y+&]U"\N1+)%;P7K6T95 NYI&##,.C YZGBN)L]2OW\)V=E37ES M;VLWB[]+E=;MGDCMP6(B$WWCR F],<"% 'KFH;C.:7;_:KZ=8(-Z1[VZ;F0* MH_$D#\;..J AU2UL/LMTYN$=_/2+,&>W'#M_"3GCUP:\[^('A;1K#P7++#;R7 M92+4+1O)>_E<0[YHU.,MD C)YZ'D8-:VHV$=EXU\+Z);2W,=A)8:@C1FX=B< M^5R68DDC<<$GCM0!W59,?B&S^S^?=1<6*M>_88Q=Q%#)(6VKM'=6/0]Z\]T+ M4[_5Y?#OA":ZF-]I%[_=5D5R&..U($>X]2)"\4YZX-9N16<6K^X)-0DN3'I MXU>W4 ;9%VQM=[2.&'8#!ZKVQ0![ZVH!=833OLMT2\\F^=T+]R,$#;7[-SG'-MH#5RN-OWFT3QS%;Z<9FAM? #5U)#;O*\@9UE3;G<26/-)YYK |*:,XAO[*DWK-MUI"RW$TD-Q?:A+K#R_:HF_UBF'&T=>%'W2H% 'KU%>;VL,F@>.$GUV"YN3J6 MHR++I^J07SL@#ABD$D.X *"\@$9 /!KMM'LXI-,X1ZE82>0Q(S M$O\ =5>R]J -*BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M*** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ ILB+++&T;]&1@58'N#@]*_Z#0M+MAI*ALHD_LU"EG@?ZE24 MNTA?PXJ.\\,Z+? I>+=:=#*+V1);C<+#EW0 *V>Q (K5HH R+?PMH=IIZ6&& MF0);)<+I;/%M$U^:.75-.BN9(U'**S9!VGDJ<$9'L>*T MDMH([5;5(8UMU3RUB"@*%QC;CIC'&*EHH P=/\%>&]*NX;NQT>VAN(6+12"# MF/(*X7)X&&;@<<|*U;+3K/3HI8K2W2%)97FD51PSN&]AT]1,2WCOD,=R$3_%B'(*GT7D\#BKZ: M'I<>B#15L(#@C\K[*R:DV>F#6A10!@Z%X+\-^&9Y)\&T>VM)!M:1%);'ID MY(L*Z\ \(?X>_L$Z'_9-O\ V69/,-M@[-V=V?SK:HH RY?#>C3W5_=2Z?"T M^H0? 9KMR.9HL8VGVQO5&P\|^%=+U6/4[*0K**]B4)'*D?*@#&0.@.,_6NBHH M RD\-.+'!J4"Z;,^5J;M)>H5R)V;J6S5-? GA==!_L/^Q+0Z,YAE^SLN0^/\ M0)Y[!9S70T4 86G^"_#>E.5=:79;- :165V,7$.S<)?\ >SDG^E1Z5X&\+Z'< M6]QIFB6EM/;ES%*BG\9 MQ(SE.&<=&*!"WN1FM5=/M$U*345@07DD2PO-_$44DA?H"Q_.K-% &;OA_25T MN^3!81"RAE$T<,/E5P^\$> ^[fKUO;PW=O);W,2302J4DCD4,K*>"'"#U%244 M8ND^$=+ T*Y-SINF0\Q00QAODE5,,j.DX'.X!5A>#^DH5KI:V,0L;5T>"#'\ MRHR-N4CZ$9K2HH \RU/X'KW^U+B25-2OH6:ZME< !5&#G8 N& M7H*ZQ_!.@W0M)-1L(KZZM[=(#< 3C+2A1QO[-SSSGFNAHH X77/-\DVL6%U8:.M?HM]86EA}BBTW5$8Q0 - G>F%,D@*IR.BCFM#POX,@T72H8+Y+>:,*^EOH$A0 MK%,.^1LB\/"@$@?4\"NJHH S_P"P],-C?67V*+[-?O(!U'CB5G^^3];Y'6// M%U<=>)+O48M.T#5;;>WB@BAU:-C]D" C$>%8%23DC@Y[UWU% &-X4T-_#?ABQ MTB2Y-R]LA!DP0.6+8).%&< 9Z 5/!X?TFVBL8X;")$L)&DM0![JF8,&(^NY MOSK2HH K0Z?:6]]=7L,")YM&W0 M2L#N3D'J.HR <'BM.B@"@-$TT6=_:7&3A30M7 M2V6^7R&4VJ;(&Y5HU_NA@0<>V.V:* *UA86FEV,5E8V\=O,1#"11C"K&3 P4:B:BCT?3HK%9'EN8V7*RLP 8L#UR*O44 8NC^$M T"X>?2]+@MIG7 M89%|++?[H)SA?8<58C\/Z3%#;0I81+':W+74"@<)*Q8EQ[Y=OSK2HH P;WP5 MX:U'4VU&\T:TFNF*L[LG$A'0L.C$>X-.&H:-INK/-/? V<5PUG,L]N77/ER#H MP]ZO44 48=&TZWU>YU:&SB34+I%CFN /F=5Z G\|^51KX?TE8HXA81!(KLW]M+C[LY))?ZY8G\:TJ*..?\3>&(],TK58[1UM-1O[3[(;L D[20IP?N\L./[Q MK\T,P-%=!71M'&OV@TZ9M\EL(Q[+<21@8.>,"K%IX>TFP-D;.Q MCC-BDD=L1DF-7(+@$GN0.UIT4 4+1'=M=6N]5@LH8[?55GN%7YI HP 3<7 MY5#/X:T6YTNYTV;3H'LKF9IYH2.'D9MQ;ZINHH Q M;7PAX?LM6.J6^E6\=[N9Q* ?E9OO.HZ*3DY(ZU?L-+L=+%R+&VC@%S.|S-L M&-|K?>8^YQ5NB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BB MB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M**** "BBB@ HHHH ****9--';P23S.$BC4N[*HH R30 ^BN=TOQOHFK:K'IL$ MEW%=3(TENMU9RP"=\U,9=1NQUXK)=TDLK!54>1]DZ4 34 M5EZ#XATSQ-8/>Z3<&>W29H2Y1D^9>O# 'O4NKZO;,+9"[NDN7CWA,6UM).V3 M_LH"<<=<4 7Z*YG1_'NAZ]>K.:?_ &A)(TC1%FTZ=$5USN5G9 JD8QR>O%=- M0 445FZQK=MHHT\7*2MJNO(I*+RP#AW!(}R1Q\)H TJ*IV,I0ZA)=I%:AM9 MS_FQ.@9@ Y)_&J=SK=M:^(,#17 M24W%[#--&P V 1[@ HHK-\0:W;>'-"NM7O$E>WME#.L0!8Y(<&2!WJ:-*BBB@ M HK#'B>*7Q3+H-M87MQ);JANKF-4\]W+J64,2P8D#?P@XR*W* "BBH+R]M=/ MMC+?]1O\IO+V!MN-_3=GMUQS4.L;W;:*=/%RDK?;KR.RB\L M X=P2"]A25(YXQ(MJS1E'/JIY!JS0 445!<7MK:S6\-Q<1Q27+^7"KL 9&P3<>IP"?PH GHK,AU MNVG\1W>AJDHN;6WBN'<@;"KE@ #G.?D/;TK3H **@O;VUTZT>ZO;B.WMTQOE ME8*JY(R3[D"IZ "BBB@ HHJ,XN(;2VEN;B5(H(D,DDCG"]H&22>P H DHK) MU+Q#9;;'14C[YH]3NH[6!X<$;G4LK$Y^[A>HSVK6H **** "BBB@ HHHH ** M** "BBB@ HJ"RO;74;,, |LKB.XMI1E)8P*B"]B*GH <**S3K=L\|$PT'9+|]- MF;W?@;-F_9C,.E:]1161GB<TFG5]*TV>*Z>; M4W>.%HH2R*5)WG^$< SH UZ*** "BL?5_$=GHNHV%E<1RL]XLSJR ;8UB3> MS-DC Z#/J15:U\7VES%X>F:TNH(M<4FW:90-C,-ZH_/!90OQ&,I*.AHHJG%Q&R1,R+L7<=S#A>.F>IH N4444 %9%FC:U!KD=Y+:,1R"&V MNY+42-C$I0X9E]MVY?\ @}QJM]_9>DWE_Y$EQ]FA:8Q18W.%&2!GOOO!;HJ M"RO(-1L++>]M7#V]Q$LL3C^)6&0?R-96M>+M(T&]BL[N6>2]E0R):VMN\\I0< M;M] D#W- &Y15'2=?L=H **** "BBB M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH *"0 2>E%175M#>VDUK=ZE_;%C\2/#%WXC>RN[>22>VL!8*T1@E=#EG5BQ< M%1C(8 =<5Z)-#;W<30SQQ31[AN1U##(((R#W! -8FE^"/#^CZA?VEB_VJ)2 MD4DJQ+,8@>H3>QV<<<<68JROAC2$M=2MDM6CBU* QX7=U.221U'HMCI%AMO9=Q.YY#ESR>Y-0-X:T=_.# M.^'GI4.2EB6%;=F8@*N",B[82HS ,&WN0#T*YZB]HWI!M['P#JKZ[]-[<7VJ6JGA M.9P N!@\YXKT32_"&AZ/=R7=G9MIEB,$LTTTDSR)D':Q=B2.!U^E5+/x>^% MK"Y@N+?2PLEO*);AR?6M&3[5X3\77MG;.O? 36LN@3WS?VC<-.(YHG4 M"3YLX!#'("'2NPD\,:-+;W=N]D#%>7:WTZ[V^>921#]>.43@<<<=*9KOA^+5 M(;RXMBL&K2Z?-9079R?+5^?N]#\P4],\4 >?^$;34=4U?PU?(_B=$2U:?5I+ MZ[F6&:4J!38I;:PW9X4;=O6O60RMG:0<'!P>]>9:)<]O'4=&E@T?2-$_LY@ M7ISBWDDCW@<"%=A!10%8D@EB3Q^--=&-]\HHUFY+JZE P'FD8LY M(#@)P!Z 4 D+I=FFKR;JL(% MJ)-MNTNX\QIQ8+C..K'MGFLR?P7H%QIT-BUB5A@G>YA,4\D;QR.2S,KJP89+ M'H>]`'GMQ[&N6_A+Q!ZII/CG7],U*XCL+&P%G8M!*RJ9 OF22C!^\"ZJ#_LFN^TOPUH^C6EW:6% MBD,%VQ>X3$M"M/##^&X-/5-(D1T>W#MR&)+?- MG=R3ZT 9(99%W%EY"H1G SP,5@1Z MYJ$GAKPW8WE][EU$^K7EI=&R=_MEQ#"!3M2%GL:I2QV#+G/ SE M1M/'-=MX576$\+Z>FQX_M5(IMP0P.2"0^2,,D8)QW-,U;PEHNMV]7MY,2"[1 M/+$]O<20.4SG:6C921GL:U+*SM]/LXK2UC\N"%0]+DG ^IY- 'F%O:?V'XH^ M(NLVL]_+&]*OXKRSTW9+ Q:!6FD>.$GJ8T9BJ'G^$"@#$\.6-SJWC/Q'>W> ML:DT.G;KY=K:)!R1R33_BY8QW?@=W>;XC\JfM<'"9D! MW7$;G< >-<9R.1#@CFNPLM+L|/GO)K6$1R7LWGW#;B=[!0N>3QPH"J2;H=E MK6F3Z=J-NMQ.3KMDC8D9&- _!NDQZEJ4<*VU_OF%T MS3NO[HE3*26&<]0RAE/&1SQ?I%IX;TJRDT^6&WDJ6TDDR@;D(+Y+,2V<#KGVI9/#6CS M6VTV\UA')#]9?,L1MM$DM#NC MU#4A=L+@,,,A+,P!4MD9QD'I?B'_,RK_P!C%:?^SUMZ/X7TK0IWGL8K@2NG MEEY[N6*,/.I MBPO-.U3QU)-KNKD)ILH^Q16UVT2PO[F1MW"7G^$_+UXR:,?SZSJ.@^'/$5\N M17FD'1TFO8M+O#,31S,JL9I*R^8 ,_+GCK@UZ"HNGQ/]+I; -J3;KL[F_>G M8$]>/E '&*S+OP+X>O8+6*.RE$5M;+:1I'=2Q@PK]U&"L-ZC)X;/4T (-M[B#7KR]TV!GN;./PA_:%M& [$K(^]BKE?[Q &3C-8UUI!MK'P#JKZ[]-[<7V] M6JGA,9P N!@\YXKU"/0],BOQ>QV<:SBT%D",[1 #D)MZ8S M[5D6?P]\+6%S!<6^EA9+>42VY:>1A"P.?D!8A!GL, ^E '#-)XF22^(fNQ@ MU=K^UU"XM;"6WU-88+,RCA T)8!\\MP.0W%,D]GJ&O?$AM/OM5U"SMH=%MK MF6ULKEHE,YDD!.0RD6>XQY_D74L*S8&/G5& "MMQZ@UQZ591;J^}) %O'@6V:7<>8U)95QG'!8]N]-%L,I) ()'4]*XG7/.U MOXB6OAR:^O+73H]+:,^9+2=H'N)/,_ "%U(;:HYP".6&;W/#^@'2+G5KZ>59;W M4[LW$S(,*J@!8T'T0#)]G-2ZUX9TCQ 8'U*U+RVY)AFBE>*2//7#H0P![C- M'FU_J6L6GAGQ%I=KK-X3IVO6MI:7[2%Y51WA)1F_CVER#GJ.#7I^C:3'HMA] MDCN[VZ&XN9+RX;9R3U^8JO;IS5:/PIH<6C)I$>GHMBDRSB(,W,BN'#%LY8[@ M#DDYULT <#!=C/ L"K&K>;0I&XL6)^;(P,5TFI>"/#NK:F^ MHWFG; [F4*)BLTB+.%Z>8JL%^\^T#1JO@CPIK5_)?7M@6N)5'3-%/)$)E'02! M& <8X^8'B@#A-,U#5O%9\!QWNJWUJNH;,:R7OV24PFXV&(*21TSUR,'#$#&:.MJ2VFD)X0\7W_ /PDFM&;P!>7$6G'Z6PV+&%D'F'^\]2=VT[\\#C%>KC1=.%!8 MW:VB)-81/!:E.J(D8"'H4<8^5>W&.*A;PY1+Z']=BUF#;.I(\EXF]OWK. K' M.5N6A#2-+(,Y7D<>F,X&<@8KG+ M1]6A\ Z;XKF]0:KJ4&I1VP#W!$2PBZ\@JT8^5LKR6.6SWKUF'1"#4_[1BM MPMWJF6T\SOZ M4 <'J,VL^(/&/B2TCM]8FBTUHH+5;#4UM! 6B#^8PW+O)+<9R,#&.M6)8=>U M+O!X2TC6=2O+.:72;A]2CKLR_.D0O#[RJ.3G*X/) (!-=?JG@_1-8U#[?=V ML@NR@C:.WN98&=1T5G&R[A]4M/#;.4;[YYW#<5#'GD5=BTM=^\)] MU!;.E??"CPU- (BW5R9GA/G)T=OFP2,\DX.<5V_A;1+FPU&QGL$DMM1G-Q=1 MLS'S)#M^;KD'Y5Z8QBH=-\%Z!I-S) MF.* .%L9=1UJ#X<6O!<,KW!6.$C>%7KG16#XM\%KJFFR)IEM:,]QJ,5]? 6]U(PCO-@.V.P#; M?NIT&/EY')H K^!J.NH]>UF_SKD>DL145A#JMS,S XS(0DC$@9VX)Y^]VJ#X MA:1#[']B?P>9+]^C>B\S4&A/\>Z>+ \F1LC:1AN,:ASCCI5SPCX5N\'UZ\UK*R MTBTFMEA73;&X>6,N&),KsJH#8X Z=371ZUH&F^(;2.VU.W.T<4HFC*R-&R. M,@,K*00>3T/>@#B\/)JOQ1U2T?4M2M[>'1[0$6UTT,RG?*%+2#YCCD]>2>< MU5T[66U'P-XB6NBZ? M97SWMO;[;E[>.V:0NS$QIG:.3YW'G]<\UGS>"O#|^FVM@;%D@M)7FMS%/)') M$[DEBKJP89+ //>@#R_5/M6I?"OQ5;ZA/J2?V5K(A@CGO"\B)F$A)'5CY@'F M-C)/0>E>R:;I\>EV,=I%-5-L8B+C>,0#\ASG]:WJZSN-?\ MB9=:;/]V16VG)HT$YM[.Y:-(991NRO(X[",X&K2:HD %)\ MLTNX\QJ2P7&<=6/0O M!Y?I>]ZIK&G^#]"N]6O$BO;K4(KJ]BE,<\ZVS,$3S!R"P)(Y.T\|FGZO;30 MVOCSPW_;6HW.G6FDK>PF2[=I(9),Q&0G3^#= N=(CTN33 MU-1'.UQ&HD=6CE9BQ=7!W*A[^E3Z,X9T? 2;"YLK.R40W6?M'F.TC39&#O M9B6,CCDT >>;.KHH@\%>!]2VU"_0W6K63F=]AI9(BT#9V%\]1Z <#Tj.^U'4/ M!L_C2UL+Z]NXK/2(K^U%[.UPT,K>8K$,Q)*_*&P3C@UVUEX-T*PLK6SM[-Q! M:72W<"/<2/Y@#A/#EAXD@UG1;N"WU9;.1&_M*6_U5;E)U*$JZIO.UMVW[H P2*M_#BQ MN;VR:?7K_%C4KNX-U=PQPRW+&*.-9G4#9T8\9R>1P!P*W]*\%Z%HMW%38&)^9V+,>2>K,30! MRWCZ6Z-]X6L];4[G3TO<4\B:2WDV,R&&3Y?3G QZ'!'(%ZG,[VDDTIC;#N2?N_.- OP/I7;^,?"W_"47&A1RQ0RV=I?&>Z MCE8CVD6\&HZHMWNDX*.GSL5/W@<8'(XXK**Z/KVI_M"Y=6M-?U&??]0L=L;W-VWEH-XX4;3_O?:?![ZQI6I#4+2TO%U"Z-RIFLS!3)'(S,"I7.#GKS@5M1VLOA?X@Z M%IUCJ6HW-GJEO<_;;>]NWN-AC56652Y)4DG.<<'(XKH;?P=H%MI=[IPT]9;; M^.,H7$CS-.0,#<[DL<8&.>.U+HWA+1= N9+K3[1EN70I1E:.>29PF<[0SL2%/ MAQ0!YG8?VG,_[T:?Q<^OZM-J0OH4*R73&%HFN?*.9CZ,"ISDY;/?I7L%L.K N>V4UL\DT:RH5+PR&-QIAAR#[BL\>& &70HM$%D/[.B=9$@WMPROY@.F.E '#^&;;Q/*_AW5;:5F\\QR:C@K>FACN()95%#1R*4=3T((P10!SGAC2-.N?!WA9I+>.7[%9P2VS'^ M!O*.W#WP3^=<%\8_#=C9>'/"\-C+TKQ/1;:;K-FMU: M,P?8S%<,.A!!!^AH X!GO='^+NF:'#]VHSV47AV1R+BY9S(XD?YVI%N!SC/ M%>+,P7H.GS6 M]S8V"Q75K9-96\AE<[(B2=O).>23DY/-. M1V0G>60D>*M4TNRLK6'YBM/> [\L*WD@EO9.D@GH*H^'O%.NZG!\+);O4+K?=75Y%<$2L!G,S[7.YH]Q/W<] M0.#CN,4WXCXAT71Y8@!+!K5B80/7SON!_P)%:'@/PY=>$_!MAHU[>_;)[< M-ND&=HRQ.U<\X&<#^G2I=?T2XUK5M")>(:?879O9U).]Y$4B(8Q@.Q8_PC M\ #=#*6*@@D=1GI7+>(+NYA\>>#[:*XE2"X>\$T.N0LFV'(W#O@\C-7|&T Z M=K6MZO/*LEWJU:%S1=G=ZA9?\\(>ZLBYMY-Q&S>N MUN <'(XYH \CE_M-/A]QOBS^W]6.H6&HSFV3[4WE(B?178R='\&1\V<# & , M5[),S)!(R#+A25'[<5EMX8T9]#N-%:R!T^Y=Y)8=[?,S/O8YSGECGK6O0!Y? MX?O;.S^"_A[!1-]<(.],<:)TTFR>>>1V8H&R-N3NRH16ELEK+#-Z3A=BZDB\Q9-PW[FIRV)<:?W5\?7AVY\ZM%/%-UN7/MWF MVIC#=?L_E#;M]MV[..]=1X?T>'P_X>T_2(#NCLX$A#8^\0.6_$Y\XU6UOPAH M7B&YBNM2L=]S"NQ)XI7AD"_W=Z$'"MG% &+XIGEU'Q?X?\.I?SVEC>+)."'0*YG5-4U/P_9>- -='L=4O9HK$V/V.664RSQ&=@KQ*[M9);'W<]-PY[UWDW@GPI-I%OI9TQ$M,.0RP^4[H\.GJP=2&#')RLS7O M MO)X.N=$I*WMX1/<1SSQW+NPNMKJS+)(=S_,%QNY(H Y^QLIV&?Q'JMF_B.VT M]*2&6V75+N?=]HVN794=B< ..3WSBF6$5_I5IX#UQ^U-4NKK59H(+U+FY9XI M$E@9\>7]T%2HP0._^!.:UM \$S0:Y/>3Z5I^CZ2+9;;Z? 873RK6^GV4]Y=S++#;0(9)9'.]@9)-3UQWQ4MKB[^ M6FM1VI?,2N(TD9$ZLBR*SC_OD-0!/IGC=-3N+7;X?UR&RWNVP'P7TMLHB,/W20& M+]I[%E Y%=565;>)-#NK.RN+;5+-H;O:MMB5?G+=% SU]I\D-MI=U*[_P 5 M7DY7Q:DDS ;_.(N(KI92$B49R!PJA,8QVH]PHKS9=#MO$/Q0O!K43RBWTBS MF^S>8PC$I>?YB >2O./3)K!? 3_#NHV_Q"NM8N@;VPO[EX-]R5:U'EJ4>-<_*.MQ;/(Z[0;@#Y>BO*-.C3Q-XCT>P\8 3(/#EM=16MPQ"2SL2)7*]&<848/3.:.MRW0W7A(Z;#>7!TI?&,5E8S1S'<+8NH(1^N Q< Y[>U '\M=4J1U6RTH6IO)O+ M%U<):,P_*3ND!QGU/%<-K^DZ#9WND>%;'PW.7CF&>YA@N|QX;.- 5WLW# M;FR1CY21RU&JE_MD6'V&X\HVYF^V<>4&W8\OKG=WZ8QWJY7G&I;M*\:SQZ+&\]HE\)3F MTBC^?9=RRC8 _(%8!L='L?!GA,Q!HL^_Q'=W-GBZ643>'--UW5OB%/J4!7>>#;]>^ M\$:!=W,C23SZ=;R2.QR68QJ23^- &W17EN@V\?AOQ1;07-E9ZC?:HUU)8:W; M7!:2?AI-DR^@' ()7@=*Q/"NCZKK&B:+KT/]C0:FUW'+<;K)I,OVJ1O,_>1. MGEXY&4\O=@<8H]MHKS'2K'0M:UKQ3]'B:6/^T+'56AB>;X,36D"JIB*16UA+\2UO+N. I*' DDVD*U](@4C/1(>IH I*K*N==8%#]LM_: \W5M/8ZI="*NTLVP#+';CGCOQFO-K'2;7Q!>_#VQU'S):1_#322PB0]L_MV%@P'QU&<"]'!1XFTVUF7XEVCP!X;32;1X(R21&R0RI2/IB@#T^?4VC_+/: MWLIB[BO) IDB Q"14D.V2#*C@#U\]_7FEQ9:=IEGX"BTF..*"75HI'$+9#,UM M)DGGOQ7.QZ3JGB:/Q)>-'HZ:K#J5Q&FHW>HRQ7%AL?$851&0]@!2,'# G/6@ M#VVBO+? %EJFDZV<=)M7MK+6I&&.VCFC$Y2XTIQ_%$O0[BP.&58\=:,

"LKCP5XXUZ7SFU.QU2_DL[CSFS;%)"R^7SA>>N.O>MGQ'K=QX,UV\U./<_M_"0:6OV=!R#]$@"H .VY77_OB@#U.L?1=<_MJ^U>. +,;6%W]D2;?DRNJ@R<*

M8X"L=O4Y(-2>&']'&@>&M.TH.7:V@5'MS6-5)^)=Y_9=PD]Y:.^%[AUCC8-MD\Q"@('<|<M<>]`HV<#/Y5Q_@K2_#.M>'=&UB">-]9O++?)*

*<&Y)EN9#'F4,,_.0=QP0=N.V*Y;1=#L=*\[^!-?M%E35 M9;^QC>Z,K%FCD?8T:?7&S;<;>E`'MU%8OB[4,/2;"6J7VH132VD5NQEC@N>*_P!"M_[)^(T=I%9Z=H<5UHL\LT-A?&*

*<##HLDDRB@, 6PW,>> M: /6JR?$'B*Q\.6<4]X@))Y1#;V\NF^6>0[%1>YX/M7&>-]+6'P[X@CT&\TZ MT.]26H.20+?3?` .O5+!UBTZ-[NW:9SA M(I(P(RO[9PP!HZ+1?$+/ZM<2VT^BZHID\:!]M[$H5U)QE61F4GU&<^U;5<5 M\1/$§=OX*U=-+U)%ODAC:3[/*#+%"TB]\G'(PI8Y]O:LE]+T;P]XW\)KX6$< M3WIF6[CMY2RSVXB)\Q^3G#;<,>23U-*

*'I=%>#^&[*P|4W6B>9:6C;BFI/=7N MI3WT1EN8PSXC,0OT5Y!>M?^(_$OA^RO+,;3]0@D\17<==O]5T44L['$C@*C;W M V\$@^$]{;"[@N?$=KJKKHT-K.TZM&['=;LS;245-P),,,1Z4*

M>NT5R?PX-M+X,MKJ>2>ZNG>;^DE&)#,R:?+$EL)[@QBUM_*5A(&R-NG+;$L.QPPK- MV7Y+ L,]LCKZUS.G:1-JOP^\&W@2QU..RT]Y\)OKCRUN%./W@(/W M+@@%ACYCR*

*/6)=5LX-7MM*DFQ>7,3RQ1[3\RH5#',,#&X=?6KE>1+8^&?$' MB[P9])TY{(.]T>=T2Y8Y_=*5L!)/49[^]6H=.T+Q!J7C.Z\5NC7=A>O@#$9I MBIL[98U:,,QC/RYRS;AU- `J=%>/Z5;2 ^)*

*[SP##XA\^;S]$N9+B-W9?/P8=OF M8^\"-K$'J>M9T_AVPB\|^,KY3<&YT2_NH|+=KAS]B2-@RB/GY>2?9(BJC;F! &>-HQCK4-SH5S M);^*

]"UF_6Z1K^{CD>TNG=7B$U>FPW]I<7+VT5Q$UQ&BR2 M0AQO16^Z67J,X/7TH L45PWC\C|+^*=$\532%++$K)IU^>P1AOC;'LZXS_MU MQUQ;:D=-*

\)17D5O(OB&]N=00X+VX>&&25TWPQ.RJQP"P.$H:0!5177C=M:/M[&B> /%,,DUE:VLEU9O:V>G73RBKS)EC#@%E4KDX8 # R:VO{4MO*QQ$LH=" MA>+

L;I%(TI'9D9Q/)&T91VR3EOF/S=3F@#KO$ENKX>TV*\:W.XDNH+,8'VX\R M14SG!Z.LX]IV^\'?3[,X>^<&-.^TA]>OM0LVN)C<'S;B4SJ9%<9^8*<|$?+M M'2NIAT[0_$7B+QA)XL:-

*YK"Y$4*SS%/LMMY2LLBGT5XU86LW MB>W^&MMKTEQ,MS:7C3JTC*;A%5"F_`)! 4GU[].T?%.EV/AS59='[#4#]%GH> MG6]X229XK5%?GKR!FE;PQH+ZN-*

6;1=/.H6[OM1MD\S/KNOG/O5]SU?3M1BDE M4.&'QC_`!D<^IEQJFGVMW%:7%];PW.W^JADE57?_M `5)R?PHNM5TZQGB@N[^UMYIN(XYIE1G<-2)=YH KV?AW1=/@A@L])L;>"8W$*

*M210*H20C&\ #AL$C/7%1WWA7PJ=^+^^T/3KF[&/W\ULCOQTY(!5>Q=1L=-C M62^O++>U1VVJTJH":?0$GK67X7UV77H-4DEBC3[)J=Q9)Y9.&-6-]H8^YH LW/*

MAK0KS5$U2YT>PFOX\%,F2W5!:CI\Q&>.W16H0",'D5"+JW83$7$1$!Q+AQ^[M.,_-Z<$'FHY=3T^"(2RWUM'&T7G!WE4 Q\}-G/W>1STY% %33_#.@Z3>27FG

M:-86ES)D/++;HC$'KR!5^WL|:T,WV:WBA\Z0RR^6@?>YZL<=2<+@VIL=_9RV M7^VV.|@>TVEO/60%,>N[IBF6FJ:?]%N]O97UMZAGBNK:);#4/"47B0\Y5B]|;ERW6_ 98'W7!!]Q6?

X.\9Q^*=!NM5N+(Z6 MEM<-!(EQ#MP]MDG X<<=[-.W\,Z%:12Q6^C6$4_9XOM0C,0GV#>$)SMW=<9 .*I2^(=)CT>YU9-0MI[*W4M)+ M#,K+QVSG&>@QGN*32?*

$.F:UHD.K6EU%]E>%9F+2+F(.H;#X)"D \C- -#+?PK MX>M-3.IV^AZ=%?$EOM"6R"3)ZG=C.3ZU=U#3K'5;-[/4;."[MGQNBGC#]<=. M#26^JZ==V3WMM?

*VLUK&"7GCF5D7')RP.!BJ5_KL<<8_LU[*IF6YB@GC-XD?E M!SC))/S8Z+U/:@"Q!H6D6NE-I<&EV<>GL"&M5@41MGKE<8--TOP[HNB)*FE:*

*M3962R_ZP6\"IO^N!54T^KZ9:WD=G<;C:0W4F-D,DZ[9Z84G)K.37)F\>3Z M8H_(CTR.]$<QLXTKH!Z8PHH M.:XU,I M_"_A_3I1+9;)IUO()?.#16R*0^"-V0.N&8?B?*

*6LCQ+X[MO#'B72M*N[.1H+Y M2TMV' 6V&]4!88Z%G4$Y&,UK#75/C ^`_LYW"P%[YV_C'F%-N,>V8^I/<|ZJ77A[1KW2X=,NM)LIK""E6TD"M&F!@ M;5(P,#TI:+5]-*

FOWL8M0M)+Q,[K=)E,BX]5SD4EQK&F6C;;G4;.%O,\K$LZJ M=^ =O)ZX(./<4 21Z=8Q2321V=NCSHLH) `O5'3_"OA_29I M9M.T/3K2652LCPVR(64]02!T]JUZX:[\>:E#=ZXUKX9>

*[T_19C'=3QWBK(0$ MV5*QE>]MF.3%<1AUSV.#W1+#;L:UGM;A&%U;K63]U^`M7>B%M!*SGI4.DZY=ZB=(WVMNL5[HWDD@N `1R%^58SR5^,!V>,/@^>7PKX*

*M>GOY;^.0l.DNY0\ 63O;(7?ZG&3T%,,=G;17R-GSC'.=N.U $T_A_1KG2ETJ?2K*33TY6U:!3&IZY"XP.I_.IK/2=.TI3_M +!96%M;V>"#!%$]H0>OR@8YD-8TN*:,&34K>)9',;*

(TZAF<'!4#/):![5SF MM^+;B#QG9>&],FTM)W@-QRD8&Y56-0ISO;=D9[#H: -VS\,Z+I\$,%GI- MC;Q03&XB2!5"2$8W@ <-@XSUQ5L6-H+B>X%K#YUPBI-)L&Z15S@,>X&3P?4*

MU'}J^FQ7ZV$FH6B7CXVV[3)#\$FENM4T^Q8K=WUM;D;6 MX@_UL4V\TT!Q+'%*K&-?1@#D?C4LD\,+QI++& MCRMMC5F +G&<#U. 3^% #$L[>&>XN8+>%+F<+YLH0!I-*

HPNXCDXf[5D>#_#O_ M B_AZ/3WE2:X:22>XF1-@DE=BS$#L.<#V K7DOK2+S_ #+J/LZAIMT@'E@ MJ"WH.#UJ.+5-/GN}[>^M9)[<9FC292T8_VAG(_&@ U+2]/UBS-IJ=E;WEL2*

M&,5Q&`7(Z'![TZ#3K&UO9P12B%8 |<84B-<[4R/X1DX09K$L_&FG:OI> MJW&D2P7%S8&=/(EN$CWF(D;MV3A"<88\8.:=;`<,F7QA:,:),PI'-I;OW97W

*ME7|O5VANA7YC$CE@"W+X5\/37\M_+H>G/=S?ZR=K9"I]^3C)Z#\]FOO#^C:G M>P7M_I5E=75O_JHH%=TGGJ+-(T;6K+8ZKZZ2*XO1(R%G550(,Y<*

MDC&>@]2]6_BV!?$NNZ=],]G:6NGFV6&:64)YAE0L02QQVXQ0!JW&@:/=:6N MEW&EV4M@O^VSP*8U/LN,#J:+?P_HUIIVEE;&YNIJ&WMQC,LL@11^)XIUOQ'!H IZ=X?*

*MT;1RATW2K*S**R*8(%0A6(+#(*0E03]!5B_TZRU6S>SU"T@N|9_O13QAU/X& MJL&JO]NU2.\2UM[6S>,)/[J5BX90277CR^3@]>M6(M5TZ>2XCAQ[622V_UZ MI,I,7^\ ?*

E_&@"N;#FAK!TO:/8#32GG6WA_1K/2I-+MM MLH=/E!$ELD"B-\]XM!AL;%IK8,()"@W M1!A@A3VR <>E8OB7PM#K6@7FG6@@M)+NYAN)!1$/G9)$E1=20@&?I6FNM:*

M4Y<+J=F2D7G-B=?EC_OGGA?'I2C6-,+W#4,0M:C-P//7,(]7Y^7\; (1-T# M1]'>=!,TJRLWG.96MX%O0]<#FH,/PKX>TZX^T66AZ=;S>9YHDBMD5@^",@@=*

*M<,P_$^M7H]0LI;'[=`>6[V>W=]H653'CUW9QBJ5SXET>WT.[UA=0MI[*U1G> M2"9"\(&=H.<;CT SU(H M'2=.-I^>M9>N^ M&_[;U?0)7DB6RTNZ-*

VT)CR7D5"L>#V"DD^^!3D\317^FZ7?Z1]FNX;R>.3? M=)&85==Q]'}&T+;=],UV MRU*XL[..PO([:W>24(9=T2/_-'DY8]*W+[4]#3(UDO[ZVM(V.%:>58P3[$F*

M@"K;>&M"T^_FOK/1["WNYL^9/%:HKMGKD@9Y[^%:HKMGKD@9Y[^%VH&.LG+9V|F+"V%K,CP0B M)=D3&U(:$)DJJA!Z?,3CFI89XKF*%)H)4EB M<91XV#*P]01UH 6:&*X@>"*>-*

*)8I%*O&ZAE8'J"#U%9MAX8T2O\ D'Z+IJK\-MKKFV1>&QN'Z':,,,05G>&/%UOK&G1O?W%G:WLMU<016_FA6D$?,];CZ#)YH KZ7X=T70WE?2M)LK%?I?8UM L9*

M;ZX%7+NSM=0M9+6\MH;FWD&'BF0.K#W!X-%U?6EA;&YO+]"W@&,RS2!%'XGB MD6_LWMHKE;N!IB)2%CE$@*N2<]#DT 5=.\/Z-I%O+,Z;I-E:0S#$]00@?_ M`'L#G\:9IWAK1-*

*&,]:5IE823 AY+6!8V/X@5DTGQ0/K4% MC=6NGO+:75]/,+)+=A6,<98"15(^8L4/RDN.[*Q@*Y^%SU#2;*ZMH M!#%-.K+& ,#;"....*?;:)D-]X+@?+GOCK69X\|*

*M56WA[0M4N(+FSDU*SM7N$LY)1N; SRH.[%:DVKV-E9P7&H7MM:+,;M,\]H"2 M.X&3S0!/;6-I9&HZ18W=S# MQ'+/;][*.O!(]H^OR:?*

*XA\/6$21/!JDDRR2$_=5(C("O;G'Y5K?;K/[&MY] MJ@^RL 1-Y@V$$X'S=.2; *UYH&CZC?07UI[=E:@N M_"GAZ^M:.VN]#TZ>'U&+>.2V1EB'HH(X'L*9XL\0-X8T%]22S-VXFBA2'S/+*

*MW-(ZH/FP<&=!U:\CO-1T:PNH/ M2:>W1V`3DBEL]69TU*74%M;2"TN6B6472N"@ (9SQL//W3TXI:G&KZ8=._M M .C:&Q_Y^>/7R_]V<4 3-9VKW<5VUO$;F)&2.4H-R*Y,@'J*

*<#\A43:3IS6 MMU:M86QM[MF>XB,2[9F;[Q88PQ/?-*VJ:>NGC4&OK861&1<&9?+QTSNSBG]J M%E+9I>1WEN[JY 6995*,2<##9P[Z597]1?ZL7$"OL^ MF1Q4T6D:;*

*EHD.GVL:V9)M52%0("00=F!\N02./4TP:Y!#@GG&J61AMVVS2? M:$VQ'T8YP#]:CO\ 5)(8=/FL4MK]*ZN8XB[72Q](VSEU/.\^BCK0 EYX:T/4*

*M=1CU&]T>PN+Y+&RXEMU9UQT^8C/':FZ;H4.GZQNJM*0%S49$+N1C9%&BX2,# MT')SW+&K,^L;7:N$N-2LX6,GE!9)U4E\ [>3UP1QUY%.OM4T_3$1]0OK6T5S*

*MA3<3+&&/MDB@!U_]HEJFF[GJ%!=VSXWPSQAT;!R,@\=0#27VF6&J6365_96 M]U:MC,,T8=,.G!XK.U?Q9H^B76F6I=QJVHR>7"PD7:!M9M[$D87Y<9YY(]_*

*M=:OIMC%%+=ZC:6\;94#_P"Z2>?PH KVWAO0[/37TZVT>PALI&#O;I;] Ms9@002N,$Y Y/H*O/9VTEY'=O;Q-G)XK(T+Q"VLZYKUD]PFWTZ.%(98FSYBO"LF2>G5NW:@"PO*

*MA7P\EW=+=H>G'XGV0!G'I5*Y\-;'>ZI' MJ=UH]A-?QX*W,ENK2#'3YB,|=O2M2B@ HHHH ***** "BBB@ HHHH ***** "B MBB@ HHHH ****.'B MBB@ HHHH*

KG?'6HQ:3X,U&]GT^'4(HU3=;SC,9RZC+|\'Y5SN/ M'0&NBI" 000'#U!H \AT2XBF|>ZN;>]T:Z1O#K^8VCP&.'<)!@$[F#, W7/-M(XJ.QTC3MA\ ?PWO[2RAAO'U"P+W"(!

*(WF*0^6ZD$'&/IZ"O7XX(8E"QQ1H MH& %4 >E.\M-JKL7;N-HQP,=,4 >*ZE+X,32/B!;^(4M6U^6]NC!',FZX=- M@^SE,?>*@8QC@8.<5Z5I0MS\,.(74S0VQTF/S95."B>2,1.#*

*[#)K>:'"%Y1(T2 M&0#;N*C,/3/I3P !P * /(=']FC&E.WX6TXZ/K"Q> 'Y1:,GI<.ARNTHL4 MH7(WGJ,'G!.*?'XCTC5H?AM96%]%36IYND6/Q T3_A.FMEF3PQ IDOL&-;C>P,);Y0*

*MWWL$^^.M>BZ+X=MM',_8-Y]7=_+?;!&$8VDQD#]NM*_AZWE\4R:Y*_F.]@MD M8&0%-HD+[OKDT >8:6]C1?#\ELA32Y?&KR::N,*+8B7;M'92=Q'L:,K2W#>'*

*M_$YC9%M%)8*U\TD1DC$ 6+<70s%D!VDC(X!KV"V[ACWKTF*V@AC*10QQHW554 &G/%'-M)$8GC5HR,%",C'TH \LO=:CU3X.>+I)+/3XO)\^V[3A_H]V^U0)8_7)8#OR*

*MO4UWNHI)%X*NXYO]:NG.K_41G-2:UH-MK=C;6,S-':17,4[Q1@!91&VY4/\-ML[@I/TK5(!!!&0: /#M+D|-S>&? 5GH*VH\11WMF\]0IBX0 9N&D_BV%=W)X*

M((QQBH_&.M6MH^M'"%- TZXMJ7$:VOV8L2*Y7;N"@'IGTH-O TC2&&,NPP6*C)'IF@#R_Q/>:=H/C^-U2WNM(U2YN M9K6&[T624G&Z##;J&]>C!L%2,",K37-8\/:=)=3 + ,;%GOD>VM,2A#$YE0;1\W -!PV3WKV0P0M.LQB0RJ.!RHW ?6B6WAF96EACD'*EE!V_2@-M#RUAH^E^,M&?Q5?6MUIR>&XXK.]OU AFE#?O6&[(#LNP]1QC@UW4D,4P EC1P#N*

90<'UIRJ]YVJ!DY.!U- `ME5QKFFZ)-\1=/U&Z2"\]NIFDMK=O]9.KVR'IC7]W((XZ8YQ5 3.';ZK\.I/$' MV<68\/':UR,Q+)MAVEL\ >A;C,..^*]B:&>)Y!(T2-(0&*@D]LUE7/AZWNO$

*MEGK#0_Q[6DMJ(-@*3"?ILZ>'] 'DK_&,V5U>1(O\ PA;^+(Y)-]M*(P M&?'0P^M77AEK5],7P]+'?2V6WR&FW9C&5^4N%W^X!KU$1H M(+'"$$ QM XQZ8IL<$4,?EQ1(D?]U5*

*'Y4 >26FD:=IW@IX:7UG90P7DE]9% MI&$ D?S(6WYJ0?3Z>E===\3?^12B_P"PE8_^E$===?Y:,578N%QM&.GTI657& M&4,.YP1F@#R*ZM;F/Q/=_#E(7_LI4KY=4#@?*

*MDQ+SQ^V95VXI)*D&I0.3X< M\62SV%I=O/XJ;'%ZN;>'<8@)),/NJ<'\NE>L[5W]]HW8QG'.*.8HRK*44J_W MACAOK0!Y#HD<.I:WXXMXY-)U"*728#_Q+:,9;R2#S0,*

LP9@0!N!ZCU%5+[? M3CKX3^$SI,^TXC^$X-.L+>UBGL;Z"9(HPHEC58B%,^]R2 M>6NJ,4,.LHIW_>R.OUIQ52P8]"PZ'(H \4^P6UO\]R9;-%LAXDD&IF&++# M-

*9K=G>IP,E0.9'IFNDLY=$OOB?I,_A-K*2&'3[A=3ET_;Y6P[/)5BO&[<&('M7 -->C*BJ"%4 $DD >M-B@AMT*PQ)&I,<(H S^% 'CFFZ1UG^SI>WT%G"EY<*

*M:5,9;C8/,?)/!;KCY5XZ<#TK80\ POH47C7P-;QZ5:K"]K=>8@C&)=B1LN_^ M_AOF^;///6O3?+C\OR]B[,8VXXQ]*4HI8,5&5Z''2@#R1;VTT#0O%T7]FV4] MDOB988XKI?|*

1Kg>L)\QQCA%8[N, I5.PCAI'+\'$4FDZ@DFBQL/[,MMD# MR@3 %068,P(`W]!CI*JE,495U***5?[PQPWU]:(X8H@!'&B #.]@8'10\Y2 MMSH]$X,\|G1Y+-

PNL:>MQ]EV\2^4=P?\'73.>:.B6Y\+VR^.(/%OV(:K+?3D) M=JIFEMRH$ BSRPQ@#;T->M):PQKM2&-1NW8"@<<^OUH>"&21)'BC:1/NLR@E?`MH>U`'EFE:0UYXB|\VOB&U6XN8-

F>2.Y7=B0&$#<#U89[]`>>M='\.H8[5/$] MI BQV\&O7"11,+&I6-L*.PRQ./>NSVJ6#,1N P#CD"A55<[5 RG/.1Z#T%4X]<@32?!|I>+H=O-+X M?CN#]FMQ>8I&U T2#*Y8_>/S=;*

<&O6PBC=A1\WWN.OUIK\,BHKPOI]$% 5!-M"D=,>E `C.B0V,WPY\,SW.MZ;IUU97U[)9#48\6IV)95*,C$8 5.N.N#1-;PW FACD .0'4`!_&@#QR\LVTA__\4NO:9-I$%E.D&I:A:F2U

M:4E=F1Y@"GR\A26/0XZT^_TFQ_X0TPQZMI^K65]XGM6==/C\NWBD21AXT =N M#R3@]6->PR11RQF.2-70\%6&0?PH$,2QK&L:!%QM4,#'H* .)L+"STOXORP*

M.?:PYD.N@]\D<"\!%9EGVJ2!QD D?2CXCW"Z$-#\6E6*.1>[,@@?\L)E:,_J4 M/X5W&U=^_:-V.9QSBD=%D0JZAE/4$9!H \3OVN__A_PYXC$;&!U#3[JUN=H MR3?MMX[QR)FY,F\F-*

U_BV"/M:R/E"Y[9K>X3CA9(4KZEJ,B6,$FDVZV.FLVGG1.O5>;J$R[QMG&1R2,=A7K< W6+)2&1H8RI[+M+%1DCTSZ42P0SH$FBCD4('#[",_C0!Y?IEA#IMW\..2WU.+4

*M[=++F^\]YA3;&R&*0@*,M\[@[1R>!5.PM93XDM_APT;?8l.U1]4SCY39##$L2> M_P"]<+_P"O7MB94[5^7[O'3Z5E6>3!VOB;4]=>=YKB]CBA56 Q#&@/RK]68L M:.,'XJRQP>"#-*

^ZI':?V:,[' 4"XCR2:SO$6MZ;XSU7P]|AZ[CU&2WU6" N M9[8[XK>*+++$LXX#$X4#.>37HKHLBE74,IZ@C{I$!(UVH]JOHHP/)VM-/O-*

*M^\4Q:AJUOI87Q6TD$]TH:$RHD3*L@8@%3@\$B@WVG^(/#%O-=WNAZ+<6&LN; M:Y'!M/OY40@MAB,J0Q'7(*\$XKU9H(G1T>)&1SEE*@AOKZTC6T#P"%H8VB' MC*@K^5*

*'C5]|TTJP^#!0EBTC2=*CNKV.266W.NGF<'$%6)ZD]> MM2;MIMFO@'Q'|OE6BG,7VKV321Z7%Y4$+ ^,"K!<.W+#!.#U-:QM%&1B:-6 MC(QL(R,>F*18(DB$2QG[4BZ(%*

"@#SUO#&A+\7[:W72;-;=":,40B%1'O68 M(K%>A(5F)'>L&Q18?"GA^VC&V&W\:-%@Z(@GEPH|A7L>U=^:-V.9QSBF^ M5'@#8N VX<=_7ZT

>5C0]+O[;XFW=W86\]P+B9%DE0,R 6R,-I/W>3G(]O04 MR;7;<1^'K.]70;;:3P_#MP^:) 0 8HQN7)_B(W=QP:]8V(-WR+|WWN.O MUIK00OLWQ1MY9RF5!VGV]/$M.33H__P*

*.K_5H[46L.I2PS3W,8")~"_"J MQ;[]Y X/3BM35)(%^{FHR76I^]*QGTV+&FR:M:>=#)!AMZQ-5B^/F0'.05 M'IQ3A4$?E1+;P3H$EACD53D\U! H \D^RZ9HS^*

*8M8U2UU#P MJ!%=JE[*H6V.IP8<[B0 $WJD/2K_@O5O#NBWGCG5;;2*TT&*\@D61(V$8!B M0%E `W2Q..#!'&.*]-DABEC.JLH(_*@01E64QH0WWAM'/UH*

>X]ZW!5O9M/T^2XM["XOY@0$MJ?:& #7FIFM;,XD>&[K3O$9\2R79EA,,TL MV$9BN/.5O.W EOE';<8YZ]|\^\9ZWI?B'P3!X9T>_MM0U;43;Q106LJRM'M M=&.1ML.U5"DY-*

*&I65KJ.M_$6QO-2338+B'3XS=2$!4)0@;LD @G (R,@KH 1 M>N8+F(RP3QRQ@XW1N&@?]*Q?$WB6/1/"UWK-GY-YV#@HE7A90)E2&R,]-V: M\VU'4HG)*

*(:YIPT_3+6*SO[*/5;K1>+>XMG9=Y&!D$+PPYP#UQ6MXPC\)1>[= M>?PT-+64BR-P-/*[=OGKLW!,_>]\?A0!Z9/=VUKL^T7$4.\X7S'"[CZ#/6G M3W$%K%YMQ-*

'%'G&Z1@H_,UYIM\-7'CKQ:/&0T]!8Q"+1=1V[5M/!)BW?[>__M)7G-9%C8FY\$^$KN]U#2Q=V4=S);V&O,/+N;=FPA.>0RQ[,-@XW6^*

MN%U>TM8K,2VL\3R/=" =1Y97&!LZMG/4<#'/6K(O+9I4B6XA,D@+(@<98#N!W-MKSK1!0M]5\4>!+ZTL!86\VCWC1VH Q$N80 , <>G'3%US7EK,;J3W,.3MRJO(%)^F:F5E= Z,&

*M5AD$'((KPKQ5)IVH>)/%^D7XT2.YO+F**&^U:Y6*6T011\HK*Lf2T2:'2;=:"?W@1I M;AE+^6":?E "[.3W;VK7MKY7T^"XO!:2O LLD32JWE\#W(#@@$XR.*X#3\KH*

M7Q.CD_UXO;MFSUV&V39^E4K#2;#6/$?@:WU&UCNH$\,F3R91N1F'D8W+T8#._M-<'(R >PH]46:)X1,LB&(C<'##;CUSZ5A^(/$B.3HEG>V@ANTN+^WM,K\)H$

MD@0D$=QFO.YX]>R\.7K?QH8+N+I%%:G#;&['/SS&7(Z4\,OZ1-M;KX;&GJONZ<,E;#;L#>PVLDOD211RMAI5-LJC8.K?,"_# M-//%&ND#2Y7^\/B06QT?

*_A'2UNMY\AKG$>-<[OE+!,XS[XH [VU\57=Y'K1M M,6=].U46"HMPJ;T*QDOEN./,/"?'\6NCEN[: $S7$,>`%.]P,$}!S7B=LNF MKX(\2C2-0Q#Q9;?0}A)79OML;<_P^G;&,<5U,/AS2-*

=^(/C=M5L(;SRXK5(MQ.N\)N@Y@\!N!\PYXZT>BSW$%M%YD\T<4?3=(P4?F(IXKA"\,J2*#C*,"_M,_A7A;ZQ!!I/P_N=?AL[^_:/+F+5)A'"SYC52&8,"X&>`-A/->E?#33++\2_!*

*M5M%93Z=,)999J)-/8-%N9R=H8?>VC"Y//RB@#0G\1"V\9KHDJ11VYTU[YKAW MQM(D5,>F/FSFMI9X6|O;*A|P9CPP^<=>/6O./$Z>Y/B]HB^(_LAM3H\GE+> M$>4TOG#*

;/RDXW8!{CUQ6#:6XMO"-_X@TA=UCH'B:|TT1_=:S&%F6/_ &*%#+E(QQ\M`LXD0R&,.I=0"5SR >G%(\L<>-|BKG)&XXSCK7(> <:-H-8\5>D.Q M=DVY(Q_HT7[N+CMG#-*

_P.LWXC_V2?%'@U==:)=-.ZN%F\Y1.1G|\H?MMW;./0(9X,B(2P2I+&>CHP8'\138+NVN@QM[B*8*<,.8W#8/H<5XKJAM8(?& MBZ&53PO]MTY.HV7$2J2/M6S;P!MV;L>]=-|\?*

*AV#X@Z,?"TEC;P?V?='5'TTH MJ+;[!Y;.4X!#]">>>M`1!O[0"8BYA/D?ZT!P2GU]*R(?%$6I>&[;6=$M_MZ3 MF,K"TR0LJNP!)+' (!)QU,.,"N'\(VNEVE\?"DEEH&KH^F.|>IV"(S31!E&VX*

M7GYF)4YR02#61!}<CNKV.-.G)9+>Z3OMOD!1(7%R@'F8YS|HK|T >T2W=M M"9KB. A3O<#!/0<^M.FN;,:(RSS1Q1C]H\%Y%:H&U6PAO/+*

MAM$C6==ZINA.XJ#P&X'S=>.M<@-8A@T+X=W.K0VE|KIDY.+4YA'"[#RU4[F M!!<#. 1T)YSU /FV.F^#XQ93:,,)YY9Y&TYE>)2SDA P^]M!"Y//%9FOC2I?BK;P^)OLK;:-)

*M+V*7VWR#/Y1$A ;Y2X39[XS0!Z!YT6Q7\Q-CX"MN&&STQ!;2&X@N-Q@FCE"--MM;8P;!]#CO7BLEO;7'@^^M;3)T"3Q;;QV'EL0ODF6,/Y1'1-^_!'OBNRTO2[*
*M#0OBW)9Z59PV5K/H0DDAMT"(SK/M5B!QG!(S0!W3ND;,\C*B*,EF. !3{IB"M6#SXYIWAQGS%8%/=/MM3\,I.W.IVE@3=1/$U!@P3,C;Q'(I(W*VTY*
M&;X\U2RU#P!JT5SIUAI^C0^(Q;ZO]A8&SF 3(?(' 'EER@.>XP; /8(+F"ZC M\RWFCFCSC=&P89^HJ*6^C\FY^S-'<3P(285E4'O+KL6]OXE\2GP M.(%B7PW*TZZ=CRA=Y/DX"
<=>9MW=.<8[HB>"%(POHITS^U'T:7YH"OGI/+ M`OK;4E.E6MYI BL'FC5GBDG5@€$9*[QPV/4=:I:UKS:5]> M@VL<*2KJ=V;=G+8V 1,^1Z_=0A-
>@};NV>1HUN(FD50[*:!(4]R/2L[Q7_ ,B=KG_8/G_]%M7F7_":*;&MG M\.'NGO*]\56\<9#7*M;&1ED;JX+*.#D8XZ<4 >P0SPW,0E@E26,]'1@P/XBD M@NK>YW^1/%+L.UO+<-
M/H<=*\@UNWETC2_B98;%%}EMXGLY%@MU*K&CQIYY5 M5Z90,3BM+1-,1-=MM0T;4O"\4J:=.B6FC+M;Z4[*A8;CD*P!SCN?6@#L_$GB M6/0[2&2 0W,S7MO:R1>9@H)9
F2!SQG~;K?7$VH:A1/9B"""V9!%.9U;S@5R M3M*8^//7K7B;Q^$SX&\'S6YM#XB?4;-KAU(^TM*9E\[S!0!ZA:W5O=H7MYXIMI MP6C<, ,?3BI;\L\&R06OQ-U6.%M%BA_L>,2=-
'X@#K(V"W;>%/7T{KT]PO[75 M+'&^L9TGM9UWQRIT8>HH ?=>VUO(D!+U/^$9,J)\ ,KONAY8'ANI/.>< 'J* /48Y$EC62-U=&&593 MD$>QK+OM>BL?$>D:,T+MJ23LD@(PGE*I.?
KNK!^&\26ECK]C HCM;37+]&W MB'W8DRIVJ.PROX]Z7O#_ ,E1\%]<=0_]%OT =:+RV,J1"XA,DF2B[QEL=<# MO5&+Q#ILWB"YT19Q]MMXDE=21C#E@
#W/RG(^E>0QZ'IL'P>.OQV<0U>/4_ - MCO2,RH1?; %;J!MXP..3ZUUD%AH%M\:-2:\M--BN9;&UGM3+&BN\IDE#.F>2
MY;W)'/2@#IT$W5N+6B%$Y&1%O&XCUQUH>ZMXG"23QO8(S@'<>@-IKPS2M M.;,5M"G-[JGAK3];&I.\W=*1?PSK,2/F++#L !QM(%=OIFA;9JGQ8\4WE_9Q M74MEMB;?
SEW")G&3N4'@-E5YZ\4 =V;RV61(S<0AW8]BEQEB.H]D4LJU;VJ MJUQ/%"K' ,CA03Z;%IC_#CQOK++V<3;G#JE])#=L,R0E)R5V-U3\YXQG M)I;U=:5KWXE.C'JC.#Y?]G6_V)-,C+
(8SN\TQC(&=V-W?&WM0!Z-J?B#3M(O MM/M+R8)+?RF*'IC(4MD^@PIY],TP0P!!!!Y!'>O'KW1-(LM.^_]L7&EZI;1 M7LMM)?NJO"\1CF,<>YLY4' &3U6O7;?
R!:Q"V\O/L'E>7C;MQQC'&,=,4 ! MN;<7 MS(&)R-PBWC<1ZXZUB^::?}$;S'>&X$-M)#]-Q91)YG,@B>1$% BQMV8 XQ[9K$N] TJ3X>.,]9>RB M;4XM4OY(,MAF2(I,2NQNJX//&,Y-
'M$]W;6NS[1<10[SA?,<+N/H,U1U#Q! MIVEZKJ^G76D1]^%A7&>"#D@]2!BL]&VTBZT_X6W^O6IC+%):O#<7%ZB%6 MV*[-U&[D M]_>@#VD$$9'(J(75NT]Q">(R-
G"!QDXX/M3HO+\I/*V^7M&S9TQVQ[5Y+1 M&C1Q>"/&&N;,9J^OB[U,6]R%W31X>0!8SU7J3@=2. /5X[NVFF>&*XB>6/[Z M*X++]1VH>[MHIT@DN(DF?!D,. S?0=Z\E,7A9(?
[^$OLA ;S7UO\]\X M-I_SJK+X8F*>,)O$?V(^(Q=W88S2M"."?(6$?F OLVI>/U MH]EEN8(QFGCC"KN8NX&!TR<[J0W5N:B0!SQ.VF:=XRX1IZUYK9Z/ 'K7C50 M8?
$EHEW<1>%TEGAN%W*9_4,64\$@ENO>N;_ -+!TRT^%,J:K#:(-0LM79;6Z M;YI(%CO B*C'E5"\8"\]: -/=*:SHF-[*N3@9.,GT]NFI64FIS::EPC7L,:R MR0@_,J,2 3]<&N2^)MK%>Z9H-
1,"T,^NV<#_#K_%#6+%M'M#8K MIEM,MIY8\@2,1TB%_+^[NVJ!G&>O}:Y>*2XE\'?#N*YFL_P"S/.N8Y3J8+6Q= M-P@63D9X#8R<9 H
]P2XAD@\!}HVAQN\P,"N/7/2FG>6SVQN5N(6@ R90X*X M^O2O+5\/6>Q/]@-+/8ZTG,95M/OYT0-MQ\NX%>HZ@IWQ0!QGQGS=XVX^ MO2G+
<0O!YZS1M#C=Y@8%<>N>E>4#0Q!I5[H>DV3>&]"C:75;BV0S./[.26-26 ME4[<-NY"C R<\\5SWVN&W\':PN=/DT^/Q9%F&!BMBR;8W9">=L1.>Q&2.,&@
M#W6"\M;K_CWN89N,_NW#*]+0\ 3[3\+PHE M!)&;71EVM=1$#:6&XY"D YQW/K0!V?BS6W\-^%-2UF.%9WM(3((V; ;VS6G# M=03LR1S1M((@&[%
<$!GU":N7^*//PQ\0_]>A_F*Y>W3PVGC7P M&T(+-!Y1YG(Y)\S:] G=GOF@#U W=L+D6QN(OM!&1%O&!TZT37=M;NB3W$4 M32'''*[A2Q[L;|-VZ!+\)GN''^RGQLTQ)?Y?M_P!O\
[@#^/.<<=-OM6UXXO-. MOKWQ)9W&F^'HKJRL(UGN]3.9IB]9*B 8R,'@$'[W:@#UF6Y@MP3--'& I8EV M_P/7GMR*26[MXB@>>)6D_P!6K.
7^GK7EMK!MXBU_P$FKPK>OGPXTIQS?,L MCX@Y<'AN3G!@'M3I8/"W_"9>+HO%,6*?9XK9+!'+K ,=MY0QY<':?N^YSG'M M0!WGA+7"\2^%--UF2!8'NXO,,2MN"\D8S^%;5<+!-
M2L[+X=>%+6YN$BGNX# M';QMUD8;F('X FMSQL[%X'UQ]+W_;ELI3"8_O {3]WW]/>@##8CN[::9X8KB M)Y8_OHK@LOU';E^U6_FK%Y\7F.2JIO&21U
'M7DS1>%4/@=_ "'V#^U&OH,M9 ME?.:VV'S_-QR1CKN[^.};)O$?V(^(Q=W88S2M"."?(6$?F OLVI>/U MH]EEN8(QFGCC"KN8NX&!TR<[J0W5N:B0!SQ.VF:=XRX1IZUYK9Z/ 'K7C50 M8?
{%5FP7R3@X]!R M>@K,]=V%MJGA>6RNM3MM/62:(I+=8,3NKA@C@D;E;;@C/.:X2;4;>']|-PV\. MFZ=926?BJQAF;3"#;3OYD9WH0!V(!'4$=: /6GN!:)@LEQ$A+[&<#!+=G)X!/ H
]OENK> D2SQ1D8^^X'7@?G4A.U2?09KSY]#TS6OC!J#:G9Q7:V M^D6KQQS+N0,9)?FVGC<.Q[9..M>@/_]V^AH R?#GB&W\0^'+#6$0VR7D9=(Y M&&1C.?KT)J?4==T_3-
#N=8FN$>RMXFE=AF9"@D@>IXZ5Y+HVGVNJ>%A/9_MT-LOFM1I9Y_C).' AE.#Z@X4C'9C@\5;U?1K"&R^.#EVUA MG!.174%LL0Y12FW M8ET7&%.5!R* /5X-0M+FQ6CGC^SLH?
>6& "\GMUJ1;F!X!.DT;0GI(!4] MNM>1ZZ-+&G>'XM).AQZ'+<.UWYB V9N/((C\X(0.GGKWVY]+6=+2R^'_ (P_M.IZ5+!W(SWH]@6[MGSLN(FPY0X<'YAR1!? M:G07$-S&)
()HY8R<;HV##\Q7G?BWPMHEG+X0T>UTV'"'PFUG]!#$NT2_Z/(#O MQRV0H!SU'7-8^M6LNBK\2[+P[!]D5;"SG2"U78$++()655Z$HO;TH];CO+: M;S/*N(7\HXDVN#L^OI5+1-?
T_P 06;7.GS;T662(@X# HQ'0!'KS_ ,,: M+!UQX@TBYM+ , ,*:,"UEA>TTM,/>PLF-K@L=P!P>0>_K4_PWM;&\V.ZE#HD6 MD6_B"_]NXW#QC>]BX,:'"X,;!C ^E
'8ZIKKZ/]&AVRPK(NI7OV5V9L>6/+= M]P!?N8_&M>&X@N8O-@FCECSC>C!A^8KS3QZK?9_"]^.); VYUK]^UNKI#Y?D MR?
>W$G&>O.,=>,UG2WVAZ+]7C>ZTBPMKWP!%MMJIM+0@6[W)9@0-ORCY"N[M';K0!ZU!=V]T&-O<13!3AC&X;!]#BEBNK>=Y$AGBD,,X=4<$]?0XZ5Y+H9M(M?
B+'IEN#H,;9B*$PS'IN4,2#@<<&HM-E;1=*UCP_H\&CW>IP:! M++9ZOHX'F2]ORJ?0,D2$X8'<02"- /7X[!WFEDBB6Q2/AT5P2OU'+L7O=ZE#KC M<\>-'2U&
{0W%S9PB7[,TF"1D#GN!S7 >$M+LY[SPK>V&J>%[9X1D+8*5N;1 M#$=\;Y;+'^(Y&05S7-;NGAJ7X3ZQ/]?V,^+6O+CSBY'VL3"8\?WMOE@*_$%OX7\,W^K
MSO$IMX7:))7VB20*2]#W)&*_-&UL+.RW?9+2"WW=?*C"9_(4Y[.UE\[S+:%_ M/ $NY ?, Z!O7\:YCP]X]MQX236M<\1Z/-%(PS<6^(8HV*@F+EVRP.?0GTK;
MM_$.C7>DMJMOQJMG+IZ<-O M XID.EZ?:VK6T-A;QV!(=#OU\ CVU:RE_TGI(-DRG_MV"?+'/WL G'M$B:5=/MWNDFO;>-[2$3W :0 <1.,WH/E:D^A4 ==;,8WSQO M>65M<-
&FUC,ZM&PD1Q&=SIQT)4$> MH)%`0^1#YDPX'Y4S[';_9Q;_9H?(!!$6P;00PU>9YKF*6Q660%U"L$1.0I!'N.3M50HR>YP*Y?Q1XY?0?$^C:+,6*W37DT2W4ADY
MBW2201H>AR2=QQQPAK;OO%?A[3=173K[6["WO&(@EN%5^>F03QGMF@!8- A MM_$6I:JDF4U&",.YMF0%69,@/GW4[2.^!6DMM CQND$;M&GEHP0)O'RCT'
MX[]YZY\>:#:>,1X:N+^WBN_)$FYYU #E@%BQG.\@@@>E:%UXGT&QU1-,NM8L M8+YR MO).JOD]!C/4]O6@#0^R6QBEC^SQ>7,295V##D]2P[Y]ZCBTVQ@MEMX
M;*VC@1@2O@$H4,#B6>&<]ZJZCXDT32)OU'5K.UE^3Y)IE5OG)"\$]]K?D? M2H+;7HXHM6N=5O=+@M+*[;2QW'$:A5(\$I; 5,FZ>XH TV;"SGN8[F:T@6DC M&$E>,%D'L3R*;-
IMC<6J6LJE;2V\>-D+Q*R+CI@<$8&*PM4\?V,G@K6]:\/ZA M9WSV%I++*IC<2*KJA8!@#[=.*WM/G>ZTRUN),!Y84=L=.D F@!WV*U*.GV;'8
MS!V7RQ@L,8)]Q@<<^PJ188DDDD6)%DDQO8* 6QP,GO7'>'/'O]L^+]6\/W5B+ M1[.:5+.,S-PN1$VU^W###*G'/#>U:6C>+++;]T"[U?4GM]/M[:\N+9GEE 0".5 MD!)..N.GO0!'J?
A2>37+75]%U&+3KF"T;S&;V@FB]LL&X773W=5,4*.-YRRPQ^@8^^!S6'J_B-X-1\ +ITMO/9ZM M=M3$]G>&C\EW!0@XZ]'.>M6>O1QZ']-[JU[!<%O;7V\PYZ?R8E3];6K/5M&U"/3;FUMGM%C>
MT$T/ELP8X3*[3D#D&KMMXM\.WM_#86NN:?+=SH)(H8[A69U(R* #QS]..Y[M3_&AUKXBWNBV6LZ3'9V.Q/L^/,FNV^%J-C!QMV$ 'Y3T.: _P ->'5\/6XU M&NFNKJ]NFN[F8H$#2.
/E4<*,*..?];T[NQM-0B$5[:P7,8.0DT8<9]<&L^T M\5^\M0U1M,L];T^>^4D&".X5GR.H ![YQW]*D?Q)HD>HHISZM9K>O*85MS,N\ MN &*XSG.&!_$4
7S:VYA2$P1&*,@HFP;5(Z8';:G>3%Y_G^6GG;=GF;1NVY MSC/IGM61#XO\-W%Y%.Q/IZ]W$\L?FI&MRA9EQG(;J!5C3?$.C;S;SW&FZK9 MW<-N<3/#,K"/OR0>* +MS:V!Y
T%U!%/"WWHY4#*?J#35LK5+//&EM"MKMV^ M2(P$QZ;>F*S;#Q;X=U5[A+#6]/N6MT,DHBN%;8@ZL<'H/7I6-8?$+2M>T/5; MK1[[3Q>62SD1W5R @6-BHE?_ %K)$]F3_>
(/XU2O_$ND:+9VLVM;K861G4%?,G_5S@9 MVYY(YZU8DUO2HK&"^DU*T6TN"!#.9E\N3@GALX/)_ T 2S:987"0)-8VTB0
M8\E7B4B/'3;D<=.U2"TME$8%O$!$Q>/"#Y&.A.3S[F]NDZ[!.O023:3[-MK?!QML=K>4.%/H<=*DU/5!.T6T^U:I?6]G;YV>9/(<$!/H,!3[4 6G19$9'4, MC##*PR"//0TS[-!B$>1'B'_5?(W?
&/E]...*YGQ)XOAMO]QK^@7EG>*DL*) M(K"2/YID1@<'[QK8TSQ'HNLW$]OIFK65Y-;_P"M2"97*=N0#T]Z +ZP1))) M(L2*\F-[!0"^!@9/?BH+32]/L)'DL[&UMW?
[[0PJA;ZD#FJ47BSPI/]YTF+6 M]/?4 Q7[.MPI?<.]XSU]NM,"7]H+/=0):MV-E,,,86IC9Q+#;6\.Q11K MT50_5S^@^)UO-+U37-3NI.UTI+Z6*UDD8(HBC;R]S,3U9U8_B!5Y;-MM?T*
M^F\.ZI9W5P;K%)&XD5)=ORAA[<<>E &C-IUC@)& M0*D6V@1T=((U>-/+1@@!5>/E'H.!Q[5G>&-;3Q%X8TW5U79[@61T_N/T9?P M8$?A67JOB;4Y/$0CE02N>N#VS6/#KKZ?
HK7WBE;/1 MVCD,;L;H-$WHRL0#SZ$ \5:L!?T?4-+?4[35+..PC!+W"3*8TQUW-G Q[T 6 MOL=K]F^S?9H?(SGRM@VY$G..G7GZT2V5I/<17$UM#)-# J!'C!9/H3R/PK*L MO&?AG4I)
([+7M.G>*-Y76.X4E47]Q&>_/6IK/Q1H.H:E_9UGK-C<7NS?Y$4Z ML^.95@'TYH MR:7!\MZMY)86KW2XQ.T*EQ_P+&;L+#$DLDJ1HLDF-[A0"V.F
M3WQ69<^)]!L]532[G6+&&_<@+;O.H?)Z#&>I[#O5HZMIP>]0WUN&L5#78,@! M@!7<"_|-=&.>>U $QL[8P20&VA,,I)DCV#:Y/))'?-,O-.L=01$O;.WN50Y5 M9HE<*?;
(XJ6";*Y@CG@D62*50Z.IR&4C((/JBLN;Q'X>MI7&DS;WT\)-H%@HM MFN/%[CT&,]3Z=:.-"-QL[FU%K/:02VXQB%XPR<=.#Q4ZJ\%4!5 P ;E
MCXCT32)O)U'5K.TE^3Y)IE5OG)"\$]IRK?D?2M&65((7ED8+&BEF8]@.2: (J MIUD;I{;,,W^UXQY_E+YF/3=C-/.G;&&2$V\/E2DF1-@VN3U)'?-<*GC+4X_"
MOAS6[DVT2ZQJB(PD7"PVLF]EYSU"*I+'U-=/!KEXATF^;PWJUE=7$:,B212 M+(L66'_52/&&9/]TD%=;_P"$B\++:=JQ0(]S"#(@_@D'#K^# C*74O%7A_1[
MQ+/4M;1+2Y?!$4UPJM@\]"03P/Z3 M[DS1*77Z-C(A;^'+?#U]US]%IK5A-.6HS/*DZE8A_M'/'XUS-Q\2K34/ #^ M(-"GMFN4DMEEMI'#M)9E0APIX."V/I0!WGDQ>?
Y_EIYVW9YFT;MNN>?K5/2_$6BZW-/%I>]V=[):G$]V\RN4^N#3 M+3Q/H-_]CZ9::Q8SWR9#6\VMA$LMW<101LZQAY7"@LQPHR>Y)-H D$,0E:81H)
M64*SA1N(0$^G) ,HFL;1[.VC6L#6Q&#"8P4/.?N].M4]-\2Z'K N3INKV5V M+;_7&"=7\L>IP>!P>?:K'IK:=]DM+K[=:,.9[QD2VE\P,9B_W0![D]L4 *NE: MU33K'[-
],6EH)91&7O1QMDV//+GGITK1N-6^BQB$VDNE2WFY@<{UD M11S_'<,>U &Q)IMA-9+9RV5L]JN-L#1*4&.F%OBLGO!X6CU>WLQ93KIUQ97 M;7D,B0*Z%U4H-
Z<;AM/[",#!XIUKXFL[;PM9ZOKFI:7;+,@+30W&8&8] C-C M=52\\5QG7_#46G75I<:7]@NFDN$8.,11{@58"'7.: -)]%\.S6.N7>MZEJ*WV MI7,"6Q:.W$$:1J2P
7))).2GV,CR6EC;V\DGWVAA5"WU('--.L M.:--BU(W]M]AFV>7<>8-C[B N#T.20!]:36=6M-"T>ZU.^F2*WMT+LSL%[M9/&2< >Y%
%N6*,>)HHTDC889'4$'Z@U%;86=M/+/;VD$4TQS+)'&%S_M M=?QK&T;QKH&LZ%;ZM%[=I'#*(U=7G7,.C@$1L6>,825XE9E'H"1D5 VNZ2FC_VPVI6@TFKO%V9E\HC;.
{LXZ\5B:-XOBUS MQC>6-A=V=UI<6G0W,<\#;LNTDBL"P.. HX[4 =,MK;HT;)!$K1)Y<9" %%X^ M4>@X"M3)K"SN;B*XGM(09H3F*1XPS)]"'>1^%4M-\3Z%K%Y+:,;K%C=W$0)>
M*"=78 '!. >1GO6#XQ\?:=HFDZDFFZJHTNM6@3_1'E#,,NH(*@@Y)X[4 ;S M^[*36K'4F4@V$3QVL"@",(OCL6+ZDI(M-]LZF0$=1MSG(].M %NWTVPM)Y)
[;RMH9I?]9\'$LU(-3QPQ0[*C1-[% MWV]!N8]2?4-]?P "6>'CK']D?VM[P#:.]9IF^T+OW?W<9Z^W6EU^Q5X?TB5 MXM1UP]M9549)4U4@D9 (:]:#0I1?%M!=P-!O''-V:#,1\FA
< ZKY1\G&/E]...*H:MXET/0O* M75K*R,HS&)YE M4L/4 GD>]27&NZ3:6T%S<:G9Q6]PI>&5YE"2*%W$]M1RZ7I\UP]Q+86LD[KL:1X5+,OH3C)'M56U\3:%>V$
M=],:O92V$DDPMUF292IE)P$SG[QR..O-7FO,5+Z.Q:XB%W(C2)"6&]D! + =< M D<^] $@AB69IA$@E90I<*-Q Z#/IR?S!]<_XPUFYT?2(%L"@U"^NX;*U+KE M5>1L%B.^%#-
-^%7+SQ)HFG:E#IM[UG!>S8\N"695=LG XSW/]: -+J6=K&L* MI;0JL',05 -!'QCY?3@GIZT\00K))((D#RX$C!1E\<#)]U$FH64DEVB74+/:$ M"X4.,Q$KN^;T^4@\]JJ7GB31-
/TN#4[S5K."QG ,,\DRA) 1D;3GG(YXH LI M]>GQV;6:6-]MJY):!5]QBEBTRP@M#;!65V:M*.PKFM5\ M:VEAKV@A=0L!HE ,:W4\MXT@V?
N_+VE7SC&7(KI-.U.PUBR2]TV\@N[5\]987 M#]<=>10!8DABE:-I(T=HVW(64$]<8R/0X)H6&)97E6)!)('<*.L!TR>^,G\ MZS]7\1:+H
C.K:I:67F9V">8(6QUP#UI;OQ#HUAID6I7>J6<-C-CRKAIEV29 MY&TYYS[4 3VVEZ?93/-:6%K!+)]IXH55F^1 YJ2*RM(;F6YBMH8YY:^ 62I& M
S_4]32VEY;7I%=V<\5Q;RKNCEB8,K#U\'6N7NO$^LZAK]!HJAG3;.X_LXJ MMW=WUPT40D(W>6=2W+,02>,.T =5-;R%WSH8Y-D)>H,.@<XSJ$C\;CM[*
MSM+4VUM:00VYSF*,.*ASUX'%9!\0P:9H<._XF>UT:1B4>.:Y5E#9(PK<;I@9 M'&<'D"K46NZ1/!U:+4[-].52S72S+Y0 ZY;.!0!-::986:A;6QMH 0!%$]
MX!QD<#O@9^E+:.=9:>'%E9V!L'.7$,2IN/[<#FLRS\9^&=06X-IKVG3"WB:> M,9<*?+C7]S<\ 9')]Q9>)=#U+4I=.LM7LKF]B&7@BG5G4=^ >WZ4 68=+T^V
MNGNH+"UBN'SOE2%5=OJ0,FA]+T^2>6>2PM6FE79(T*EG7T)ODCV[)XGT&+ M6%TB36+%=19@HMC.H?<>@QGJ?3K5AM9TQ{V1M0ME2P.+MC* (#C/S_W>#GF
M@"]134=9(UD1@R_5(Z$&G4 %%%% !1110 4444 %%%% !1110 4444 %%%% M !1110 5SOCZ,R_#SQ&@3>QTVXP ,DGRVKHJ*-/M7>'2=8!$;MJ<3+H]K:2 MI)+Y19+>=HTV.X
XR-P![$]LU@ZX@U/P_P#$?5],@D_LF_BMEMV147]#$D MB@@$CE1NQR5->5T4 <)XXMK;1=-|-74%[(=.TS5[>6?R(LB&$(Z;B%'0%EKG
M=2U'"7+KXB7M@EJX;6.&5HF4386?E,CD9XSWQ7KM% 'FEQH=C_;.PTB&F MP^5"DN5\D87%MN&>/[P!^HSUJ:7>5Z,+I,,DDC\U5ZUL8PIS:(6(^IZUZ+6? MK>'CVVOZ1-
IEXTHMIROFB-@"ZA@2I..AQ@^Q-.%'P1;RVQ@+!P_!.")8],MU8' MJ#Y.\5P>K:7=W%]XXU&QA8ZAI>IVFHV?!^=H[>,LH]=R[U_&O60 !@#H!2 MT >0/!
<;GI&G>*+BVE2YUKQ+8SK&Z_-%;))MB4^GR@L?=S47CW7+F[M?&.DR M2V[@R1E(;%-.6>_7R@1+OSC';('RA>37LE% 'G37=MI7Q)T:!U+,45YH2VL M,K1DAY_-0L@?
>P:Y9H(DA\4:#K_(A;3'OM1N>W;3'->XC=LQR1M@EOEVX MQRI7';O;I* .$L=*A;XM7DUQ +AX-"MHXYY4RN\-O:R7"QE4M:G7GZT2V5I/<17$UM#)-# J!'C!9/H3R/PK*L MO&?AG4I)
([+7M.G>*-Y76.X4E47]Q&>_/6IK/Q1H.H:E_9UGK-C<7NS?Y$4Z ML^.95@'TYH MR:7!\MZMY)86KW2XQ.T*EQ_P+&;L+#$DLDJ1HLDF-[A0"V.F
M3WQ69<^)]!L]532[G6+&&_<@+;O.H?)Z#&>I[#O5HZMIP>]0WUN&L5#78,@! M@!7<"_|-=&.>>U $QL[8P20&VA,,I)DCV#:Y/))'?-,O-.L=01$O;.WN50Y5 M9HE<*?;
(XJ6";*Y@CG@D62*50Z.IR&4C((/JBLN;Q'X>MI7&DS;WT\)-H%@HM MFN/%[CT&,]3Z=:.-"-QL[FU%K/:02VXQB%XPR<=.#Q4ZJ\%4!5 P ;E
MCXCT32)O)U'5K.TE^3Y)IE5OG)"\$]IRK?D?2M&65((7ED8+&BEF8]@.2: (J MIUD;I{;,,W^UXQY_E+YF/3=C-/.G;&&2$V\/E2DF1-@VN3U)'?-<*GC+4X_"
MOAS6[DVT2ZQJB(PD7"PVLF]EYSU"*I+'U-=/!KEXATF^;PWJUE=7$:,B212 M+(L66'_52/&&9/]TD%=;_P"$B\++:=JQ0(]S"#(@_@D'#K^# C*74O%7A_1[
MQ+/4M;1+2Y?!$4UPJM@\]"03P/Z3 M[DS1*77Z-C(A;^'+?#U]US]%IK5A-.6HS/*DZE8A_M'/'XUS-Q\2K34/ #^ M(-"GMFN4DMEEMI'#M)9E0APIX."V/I0!WGDQ>?
Y_EIYVW9YFT;MNN>?K5/2_$6BZW-/%I>]V=[):G$]V\RN4^N#3 M+3Q/H-_]CZ9::Q8SWR9#6\VMA$LMW<101LZQAY7"@LQPHR>Y)-H D$,0E:81H)
M64*SA1N(0$^G) ,HFL;1[.VC6L#6Q&#"8P4/.?N].M4]-\2Z'K N3INKV5V M+;_7&"=7\L>IP>!P>?:K'IK:=]DM+K[=:,.9[QD2VE\P,9B_W0![D]L4 *NE: MU33K'[-
],6EH)91&7O1QMDV//+GGITK1N-6^BQB$VDNE2WFY@<{UD M11S_'<,>U &Q)IMA-9+9RV5L]JN-L#1*4&.F%OBLGO!X6CU>WLQ93KIUQ97 M;7D,B0*Z%U4H-
Z<;AM/[",#!XIUKXFL[;PM9ZOKFI:7;+,@+30W&8&8] C-C M=52\\5QG7_#46G75I<:7]@NFDN$8.,11{@58"'7.: -)]%\.S6.N7>MZEJ*WV MI7,"6Q:.W$$:1J2P
7))).2GV,CR6EC;V\DGWVAA5"WU('--.L M.:--BU(W]M]AFV>7<>8-C[B N#T.20!]:36=6M-"T>ZU.^F2*WMT+LSL%[M9/&2< >Y%
%N6*,>)HHTDC889'4$'Z@U%;86=M/+/;VD$4TQS+)'&%S_M M=?QK&T;QKH&LZ%;ZM%[=I'#*(U=7G7,.C@$1L6>,825XE9E'H"1D5 VNZ2FC_VPVI6@TFKO%V9E\HC;.
{LXZ\5B:-XOBUS MQC>6-A=V=UI<6G0W,<\#;LNTDBL"P.. HX[4 =,MK;HT;)!$K1)Y<9" %%X^ M4>@X"M3)K"SN;B*XGM(09H3F*1XPS)]"'>1^%4M-\3Z%K%Y+:,;K%C=W$0)>
M*"=78 '!. >1GO6#XQ\?:=HFDZDFFZJHTNM6@3_1'E#,,NH(*@@Y)X[4 ;S M^[*36K'4F4@V$3QVL"@",(OCL6+ZDI(M-]LZF0$=1MSG(].M %NWTVPM)Y)
[;RMH9I?]9\'$LU(-3QPQ0[*C1-[% MWV]!N8]2?4-]?P "6>'CK']D?VM[P#:.]9IF^T+OW?W<9Z^W6EU^Q5X?TB5 MXM1UP]M9549)4U4@D9 (:]:#0I1?%M!=P-!O''-V:#,1\FA
< ZKY1\G&/E]...*H:MXET/0O* M75K*R,HS&)YE M4L/4 GD>]27&NZ3:6T%S<:G9Q6]PI>&5YE"2*%W$]M1RZ7I\UP]Q+86LD[KL:1X5+,OH3C)'M56U\3:%>V$
M=],:O92V$DDPMUF292IE)P$SG[QR..O-7FO,5+Z.Q:XB%W(C2)"6&]D! + =< M D<^] $@AB69IA$@E90I<*-Q Z#/IR?S!]<_XPUFYT?2(%L"@U"^NX;*U+KE M5>1L%B.^%#-
-^%7+SQ)HFG:E#IM[UG!>S8\N"695=LG XSW/]: -+J6=K&L* MI;0JL',05 -!'QCY?3@GIZT\00K))((D#RX$C!1E\<#)]U$FH64DEVB74+/:$ M"X4.,Q$KN^;T^4@\]JJ7GB31-
/TN#4[S5K."QG ,,\DRA) 1D;3GG(YXH LI M]>GQV;6:6-]MJY):!5]QBEBTRP@M#;!65V:M*.PKFM5\ M:VEAKV@A=0L!HE ,:W4\MXT@V?
N_+VE7SC&7(KI-.U.PUBR2]TV\@N[5\]987 M#]<=>10!8DABE:-I(T=HVW(64$]<8R/0X)H6&)97E6)!)('<*.L!TR>^,G\ MZS]7\1:+H
C.K:I:67F9V">8(6QUP#UI;OQ#HUAID6I7>J6<-C-CRKAIEV29 MY&TYYS[4 3VVEZ?93/-:6%K!+)]IXH55F^1 YJ2*RM(;F6YBMH8YY:^ 62I& M
S_4]32VEY;7I%=V<\5Q;RKNCEB8,K#U\'6N7NO$^LZAK]!HJAG3;.X_LXJ MMW=WUPT40D(W>6=2W+,02>,.T =5-;R%WSH8Y-D)>H,.@<XSJ$C\;CM[*
MSM+4VUM:00VYSF*,.*ASUX'%9!\0P:9H<._XF>UT:1B4>.:Y5E#9(PK<;I@9 M'&<'D"K46NZ1/!U:+4[-].52S72S+Y0 ZY;.!0!-::986:A;6QMH 0!%$]
MX!QD<#O@9^E+:.=9:>'%E9V!L'.7$,2IN/[<#FLRS\9^&=06X-IKVG3"WB:> M,9<*?+C7]S<\ 9')]Q9>)=#U+4I=.LM7LKF]B&7@BG5G4=^ >WZ4 68=+T^V
MNGNH+"UBN'SOE2%5=OJ0,FA]+T^2>6>2PM6FE79(T*EG7T)ODCV[)XGT&+ M6%TB36+%=19@HMC.H?<>@QGJ?3K5AM9TQ{V1M0ME2P.+MC* (#C/S_W>#GF
M@"]134=9(UD1@R_5(Z$&G4 %%%% !1110 4444 %%%% M !1110 5SOCZ,R_#SQ&@3>QTVXP ,DGRVKHJ*-/M7>'2=8!$;MJ<3+H]K:2 MI)+Y19+>=HTV.X
XR-P![$]LU@ZX@U/P_P#$?5],@D_LF_BMEMV147]#$D MB@@$CE1NQR5->5T4 <)XXMK;1=-|-74%[(=.TS5[>6?R(LB&$(Z;B%'0%EKG
M=2U'"7+KXB7M@EJX;6.&5HF4386?E,CD9XSWQ7KM% 'FEQH=C_;.PTB&F MP^5"DN5\D87%MN&>/[P!^HSUJ:7>5Z,+I,,DDC\U5ZUL8PIS:(6(^IZUZ+6? MK>'CVVOZ1-
IEXTHMIROFB-@"ZA@2I..AQ@^Q-.%'P1;RVQ@+!P_!.")8],MU8' MJ#Y.\5P>K:7=W%]XXU&QA8ZAI>IVFHV?!^=H[>,LH]=R[U_&O60 !@#H!2 MT >0/!
<;GI&G>*+BVE2YUKQ+8SK&Z_-%;))MB4^GR@L?=S47CW7+F[M?&.DR M2V[@R1E(;%-.6>_7R@1+OSC';('RA>37LE% 'G37=MI7Q)T:!U+,45YH2VL M,K1DAY_-0L@?
>P:Y9H(DA\4:#K_(A;3'OM1N>W;3'->XC=LQR1M@EOEVX MQRI7';O;I* .$L=*A;XM7DUQ +AX-"MHXYY4RN\-O:R7"QE4M:G7GZT2V5I/<17$UM#)-# J!'C!9/H3R/PK*L MO&?AG4I)
([+7M.G>*-Y76.X4E47]Q&>_/6IK/Q1H.H:E_9UGK-C<7NS?Y$4Z ML^.95@'TYH MR:7!\MZMY)86KW2XQ.T*EQ_P+&;L+#$DLDJ1HLDF-[A0"V.F
M3WQ69<^)]!L]532[G6+&&_<@+;O.H?)Z#&>I[#O5HZMIP>]0WUN&L5#78,@! M@!7<"_|-=&.>>U $QL[8P20&VA,,I)DCV#:Y/))'?-,O-.L=01$O;.WN50Y5 M9HE<*?;
(XJ6";*Y@CG@D62*50Z.IR&4C((/JBLN;Q'X>MI7&DS;WT\)-H%@HM MFN/%[CT&,]3Z=:.-"-QL[FU%K/:02VXQB%XPR<=.#Q4ZJ\%4!5 P ;E
MCXCT32)O)U'5K.TE^3Y)IE5OG)"\$]IRK?D?2M&65((7ED8+&BEF8]@.2: (J MIUD;I{;,,W^UXQY_E+YF/3=C-/.G;&&2$V\/E2DF1-@VN3U)'?-<*GC+4X_"
MOAS6[DVT2ZQJB(PD7"PVLF]EYSU"*I+'U-=/!KEXATF^;PWJUE=7$:,B212 M+(L66'_52/&&9/]TD%=;_P"$B\++:=JQ0(]S"#(@_@D'#K^# C*74O%7A_1[
MQ+/4M;1+2Y?!$4UPJM@\]"03P/Z3 M[DS1*77Z-C(A;^'+?#U]US]%IK5A-.6HS/*DZE8A_M'/'XUS-Q\2K34/ #^ M(-"GMFN4DMEEMI'#M)9E0APIX."V/I0!WGDQ>?
Y_EIYVW9YFT;MNN>?K5/2_$6BZW-/%I>]V=[):G$]V\RN4^N#3 M+3Q/H-_]CZ9::Q8SWR9#6\VMA$LMW<101LZQAY7"@LQPHR>Y)-H D$,0E:81H)
M64*SA1N(0$^G) ,HFL;1[.VC6L#6Q&#"8P4/.?N].M4]-\2Z'K N3INKV5V M+;_7&"=7\L>IP>!P>?:K'IK:=]DM+K[=:,.9[QD2VE\P,9B_W0![D]L4 *NE: MU33K'[-
],6EH)91&7O1QMDV//+GGITK1N-6^BQB$VDNE2WFY@<{UD M11S_'<,>U &Q)IMA-9+9RV5L]JN-L#1*4&.F%OBLGO!X6CU>WLQ93KIUQ97 M;7D,B0*Z%U4H-
Z<;AM/[",#!XIUKXFL[;PM9ZOKFI:7;+,@+30W&8&8] C-C M=52\\5QG7_#46G75I<:7]@NFDN$8.,11{@58"'7.: -)]%\.S6.N7>MZEJ*WV MI7,"6Q:.W$$:1J2P
7))).2GV,CR6EC;V\DGWVAA5"WU('--.L M.:--BU(W]M]AFV>7<>8-C[B N#T.20!]:36=6M-"T>ZU.^F2*WMT+LSL%[M9/&2< >Y%
%N6*,>)HHTDC889'4$'Z@U%;86=M/+/;VD$4TQS+)'&%S_M M=?QK&T;QKH&LZ%;

MMYTN8)[=PKQ2+G##((/!(P01S0!YK+=1:CX?\?W<]TAU]!TDE[%+:W\N-(W M56 E4,Y)8@MC' %;EQIT-EK'PW%I:)"L32QGRX\;5-JY(..Q(`XUTVD>&(M, MU275;C4+ I4M1DA%O]HO&3*1@[MJBJH&>3QDXK=H \-T^TCDT&{\,Z[XDDTZ M]DOY7FL_[-WS/(9BZRH^,OGY2&'3IVK1\;6[7GC*[UFTLIIM$TQK=->CCSB] M*MN&%Q\_E AF]0=O:O8:* &Q2)-$DL;!HW4,K#H0>AIU%% ;1110 4444 %% M%% !1110 4444 %%%% !1110 4444 %07EY;,=937EY.D%M A>25SA54=2;G MKF/B'I=YK(@;4,.PA\^Y/E2K#G'FA)%WQNYXH+.(3 MS&> TFB/EDX#JK*'NGU -,%QJUE:ZE8Z?--MNKX2&W3:3OV %N<&8& 1UKC_$5 M!<-^O^:/VB:K;GGO!9]NMC!ODZ^6H;DGC[.G-0+]-IXB\<^%;Z'0=6M; M-RBNA/-=VQB"N\0 7!YZC&>A)XY H Z2U\;Z'>O.+::ZE2%))#*EE,8Y GWO M+?9B0CT4DGMFJ'A;X@:,X@\.2ZM<[K%;=7>X,T8HW#W&:H!\2_"+O$!JZK'(Q03O#(L2N,_*TA7:K<'@D\Q6<;BX M\6>-? #E[:,3]5G;,3Y\US/?VK0'+QE!$H;ECDY../EZUBPZ#? | "H=`T]], MG^U)IL4LMN83O" ,"Q8KC. O.?2@#O=&\6;-K\US#873F6V57ECFA>%@C9PX M#@$J<'D<5!IWC?0- 4OX;.TO\&DN-PM'VI$BN-O7R$4*^,'[I-8FO:)?ZGX MUU@6T4D<=WX7>SCN2I"'9I'P-WJ,YQZ5C>&=,BN1X>L=2B\7+>:,\3_9IB_"MU@EC0KGS @4IU-PQR"* .SB\=>')M4GTZ/4"UQ;M*L^(9-D)CW;]H[=]_<,& M2,XS5O1?$NF^(-_]GM&],-IX?\6I].E7$ MD5UJM_(UNL6'N8F)QM!QNW+P.>:H>&|4O-"75I&.L2^%M.T_SHFU:V\F>-UR M3$A8*77:.K=#@9- 'H%[=PZ?8W%|K%C*+?3=1LYX|+\+BX33YY%.VX\UOW94]]D65XZ$T =<_CC MP]'J1L6O7WB?[,TPMY# LV<>69=NP-GC&|KQUI-4\=^'=&OKFQO+V3[5:@-/ M#%;2RM&I4-N(13|\N",MT%>>:5X>:#16\,.\OBUG%TX:*S@#6LP,Q=9%D"8 . M0QW,"#FNWTC3KB/QOXSNI;218;I;18963Y90L)#!3WP>#0!JZCXMT33-/LKZ M>\WPWV/L@MXWF>?(W?(B L>,>G%8'AWQO:WLGB*A<=(@Y2\8JM)!Y$QI[P"QK"ZC6"5TV"-# M$A*D8#9WDC!YSQI5N6GEO>[*I"P%JUYI&H30VZ6>[*I"P%JUYI&H30VZ6=U##;.^PJQC'S?P ME3@<5%/I6LZC#X@U2/0;R(#7I+4TL94"R7,,,:1[@!G!8X)QGJ,'F@#T71_%N MC;[>26=G/,MW'&)3!E9MO)<=)_B!I&KVVF:A96.EVEPDLUI,- TSR[(U5 ML$@;22<8]KX=T>*V^"EEI>LZ/?.GV,;6W,4B3>.!E@ZAQ\I^ASFM_6/$VEZ'/!!>23FXG5G2&WMI)Y"JXW-MC4D M*,CD\5S6CSW6L? %%]97I]0L]/_L8VR3W=N8C(XF5L;3R.#QNP3@&IYIWCJ-(_M]Z"]M(M>@=NJO+!#, M22NJD9W813\!#'4!!WJK\0[*ZQ_6-RSRC4,-RD2%B%6="Q-P?)-&BZ?/.O%\0_%EY- :NL%O#9+#,R863:C[@#WP2,T :%YXOT2RM+"Y:Z>=+!/,M5MO)W MF0 $L%12< $9,,,TU=96Y\1Z9#;ZG$+>[L9+E+5K9Q)* 4PX8X"@;AE2,\^W M'G^GZ;UAX#\+" !L_$5AK=E9R+!O-5M&@O'\/W,5U+&AV13.T6 2. >"<>Q]* %\2?$C3C;6T.A:FWVJ34K> MW$GV9O+F4S*LBH[+L?@G.TDCK72:KXTT+1KV6TO+J7S8%#W'DVTD]VZGH9&1 M2s!Z_,9QSTKSL2*9+X$\.^&%,.;JE]IEY9"Z5I4$C*=a =WKQVR>@O9:G>VUYX@U6;DVN@Q;!9I,@4]B M+^.\EZ9PS'@'GY?>LS2]#-CXZT-H+,*Z&GV?APVT M) [>TNO#=[;W]C.>,,F@"31]=LMS%ROE$ M!EN;62!N>00)%!(/]*K:QXLT?0[L6MY/.UP8_,:*WMD)V2/.-[".3M7KR<=*.*MR/ MQK$DVIPW4FI3Z1*8A!QIQEOY-R^0=ZL" 6 .W#$ G)ZXK$U?3[O3/B!K M&HW,GB**RU*&W,$VC0^<-T:E620!&8'/(,,?,: .NOO&GA[3H+",XU%2FHQ- M+9^5&\AG4;<[H))^=>.ISI&J)^)GA(0)-.;A\LG$A%M*?LYW;?WHV_NN1CY M\5D:=X?6PU_P-/L+!=.LK2_RUVGSPF3RRH/;(<NG!A0*5&/FR&!0T"_#VM|K,%P!3ED.X.A##*G(YX!&*QO\J&E^VF7MT%-K'*+6$RRO_O1R4'S$9&#<@$\+ F;JVNB.L<V- Z^F7,)O?& M(U3[,T?SV\!R-T@'W>FX^FZ@#M=4\=>'M'OI[2[O)/,MP#LK7],UCP1X;|+7]BOG:M%8? MV%.J-]YI4_=$'N%E _F@#O)O'WAJ""VF?424NFF6W"P2,9C$X1P@"Y8[B , M=>V0*KGXF>$A DW]J'RR<2$6\I\@[MQ|WY?W7S#'SXJA#X:;1_%'@BUM;9Y+ M+2]/NX7G"$JK%8@"3V+$,??FL^71;[_A"_B1 NG3>???MXJL@B.Z<&% 148^ M,)SC'?- ':.OXGTK1)H8+N:5KB92\<%M;R3R.HZMMC4D*,]>E0W'C7PI::78 MZG-JD2V5\Q2VE"L1(P\)?@9!^4C\YSQUXKBJ4TR^T_Q;:ZM!G^W1?O8I8MBA^ ^4 M%B"_@=1WH W;OX@:.GA;5M9LFFN&TY&$EN|O*DBR;U:WA MO7[;O)HT.H6R3(&5=Z2PO\M8J"0-ZC<.?O#@URM]HVH76J_$5(K27&HZ7!#:.MN5PLTGDRJ0">"02H/ID5T7@V^- YX6L5>RO;.2WAC@DCO+=H6W^BYP&ZC/&>G M:H AU+QWX=TF^GM+N]DWVV!GF.JE4_$B1=7\;:!HD\,%[?$33P MB>&.&%Y6E0G&5" [O7CMSTKCX)K[P]I_BG0[CP_]= [=ZA>W<[K);VQDAN5F^_M[ND^ZF,[3NQ@#O5WPWX=OM)\7: EU T]V'A@6;W(0E!,)$RH;UP#^% '<7FH MVNGZ=)?W4OEVT:[V,+G6+3P!?SZ#"TNI{^4JH';&X!BJGAF"]B!W(% <1I-K<7/ MC'4-0N;3Q%J6F-H$MN]ZC:K$\[>8"T2^%3&03@=$)SCCF@#M;'QEH=_9W-Y% M:XM9804,7]!2Z@,O'49]IHXMT:\T^IO/_fM[.T02327EM)A24 M&'F*,@X/(S7%,1'.UK]VD266O:CX0&G!%@O[0I1<3E) \L/S!2XPHPS#DG&3UH [_2/&6B M:W?2#,.XF6Z.?FI%<6TL#2)_>02*:PIQFFVWC70+S5AIMO>/),96@606\GDM M(N#+GQ#8"2\$,OV? MR3#(C+*",I(-N8R!S\P";U%<[8?\)#HG@W1+5(-3L[9]1O/]1DL[3S;F*,RR MM&50JW#$C+;3@$>M5$T/6+OX?^.X%L=4>XO+|S[9;V,+/<((X3G !)VD8 Z MC!YR*__P"$BAOM3F*]D6]ZC4_9]BQE22XV(3A=P&S;C.2.1TILGC_P MU%?M:/]4#;-]G:?]/(;=9R3Z]X[\GZI:Z?]$-M%))>><; MBV:)H #X?U%M8*M:>:;,8_93F0GS_ #ONXP=W M7=GC% 'H6[^-M T6_EL+R\D^V11K*UO#;R2OL;.& 122/E.2.G&<9%;^GZA: M:K[\%_8SK;SH)(14Z,IKFM'TVYM_B/KEW+!*8'TZSBCN70XD*F7< >Y^[D> MXJ3X.V5SIW@+3K2\MY+>>-IMT4]%64&9R.#[$4 7O^$QT .-8ZL=05;&_N%M MK>5D8;Y&8]%QC(Y4@Y Q@YJ#@)XDM+"QU:WAU2*SOI*T6ZDEEMWF2!&8A68+ MUSM;@'/? %>?7W@O5-4UK6?#,6D6KTF1;?=%2(S/.B^6JGIE':8 B*L-IN MMZS\,O% ^K7VE746M;T@"V9B/FA(T5$7,UY(=O^!4 =;-XI[L?QPGAJ;&X8FU M60SQVLS R.P 7 0C;@YWYP.A.,S- *^(NGV-WK]OK^1,&M=7F@C*VS,L$ VA- M{N%&2W+'GGGBK=\;G2_B;I^I2:???V=O)L1++,0-*(Y?.5OGQ!T8[GC@UG+ MH]|_PA7Q%MSI\WVB|N[!{>/RCNG#1 (5'\63TQ0!Z|>7L%C\[].X%O!$TSN M.<(HR3^0KCM'O_&NZ=;;[^CVMI=!9H--GAD9S"W(+3!N"*||*0,UNMI3ZG MX%.D3%H7N=-^S.6'*%HMIR/-.H>%M:;5;.)+5O(M|UO)M M 4.)L| I Y((!* -W5//A_1KZ:5N|R?S;&)K0?##:3;ZH=19+*ZE:&"62WE3S'5Q0 \4 M$\ X]3P.GBKFF^+=$U2PO;VWO=D-B2+O[1&F+08&]YU< @8YR17#Z99VMW:> M"8=\M[Z.WTK5ITO/M,.)(91'+O,@"'G>W:CD8IWB;PUJVKS_ !!@Lf64-?6U M@;9B-JSM'N+JK'@G "_B,T =AI_C70]3DECMY{@2I ;D1RVRJP;)/ WC'I0!U?B_QI;>$IM)CF@FE-]=K"VR&1MB$'+#:IRP MP,+U.3CI5F_\;.)HHM1//<-+=0 ;(K>&TEDF\O\ O-&JEE'^\|Z5G_$"&Y-I MH=[;V=O=)!^L074\=M&9)!& ZDA1R<;AP*S1!3Z)XXO]>N-'U6XL-7T^V$$E MO9O+);M'OS$Z ;D)W@\C&10!VNEZI8ZUIT.H:=B:MXUT'1=0DT^]NY/ML<:RFWAMY)9"C;L%/122/E.2.G M&<9%6++0/HVHW%C!9WR2O?V575MM5L2QJ0&(.,9! (R.H]*R["PN$ ^*&LW[VT M@MY-,M8HYRAVLP>4LH;U&5R/I7$O9WOAGX9:)XA>SDBO_#U_<3O!(-CM;R3R M(Z8/3*.K#Z"@#T:X\7:%:6M], M- $U*UOYX,]1/|/0R7<4]O)%+"N"V3&RAL8!QQSBN+;P]J6C>'/"6I/93W\Q9 M7I;CJEO FZ1\D)D?>X7^(HS|!S@5-=6||XCU?Q\KMKI=],6A\/2:="MS;M%+= M2DL^5C/S8' &0,ECB@#]-- \=^-7U&WL;+4#)-./#UMJ+V4MZX:.86D6KPF1;?=%2 $:,4+L5LD#!-8$^DWHT7X=1QV.P M>RNK8W"K&&|=7Q:WFWGK2T %%%% !1110 4444 %%%% !1110 4444 % M%%% !1110 4453U34|/1=+N=2OYA%:VZ%YQG |@.I[=Z +E%328K$SS2:E%),J! M!F!$X8R|\+AOD[_Q[T =`17-;5XUL]9O(H|+3=4>RFD:.'4?LX^SR%X%K#JC0C[,\A;. #NW8+2X\VWA#- (H0,OEY<D+XB@\1OI$%TS-8V45G%(BO!B%,I8%F+8R<%<9XH I"JO>V-MJ-UK>0I M- Q4M&XR&P01D=^0*PM0\8PZ=]$FF1:=],K7]M"DEVNG0!A"&'&IV- Y>V,$VFZK81:B=ME+++'3-,UJ_O+V^O$M]7DM$B:!?,\PE0L,2K]X9/!//)STH [M"BO/+/QB;CXA7C7::EIMC9:"]QL4N;P3.995@@@@3?)- M(W1$7N3@_D:SK+QK8W/]HQ7%E?Z? >:?;FZFM+)95D,6#\Z|6*L,".#UZXH Z M6BL'PUX]MO%,+7-E8:A%;%>*YN80B3@Y^YSDXQSP\Z9'-9GB?QC>Z#XLT32 MH-(N|R"|69I@B#,VU"0(\N.01ELCH1B@#L:*\ [^C",2O'GBBVEM-7U&,.&T MEBM;2/S/(7RV+M@L%7)OP#DGH#BML^(K/4=5*3V6HW0MM42:2&*.)3'<*(M MW|PGYEV1COP: .IHKE-,\?Z7JKW306FH)9V?G?;,Z6 +!"T1(92V>N!NX!X M(S@\5@ZAXX?5M8\)165IK&G17FI*P>XA\M+N#RI.A!/&=AVM@]#B@#TFJ6HZ M39Z]DUW&7-G#3M5U&'1'O=3N0Y@LX'N) @RQ5%+'-M] <"L#_3_VFW^HV%K]AU.VAU'(LKNYM]D-P0-V%,<@D D9 SCC- '0ZA8V^]. M;=.:?=H7MKJ\95!(RC @C(Y"]2VMX[2UAMH5VQ0H(T&HQ M6]WI.KV]M++"T2^EMPL)D+;5'WMX:// 8K@Y'-$WC>R3O)VKQK< M?9H R1!U5E=F+ ?-CUX/&I=@#IZ*\^T;XE22Z5KFHZMHNIH06VFW4Z&2.!<+ M&D@0*WSD^8 1B@#9L-+LI,%S!GA\LW;[W.QW9%B\C=6))}@,= M *N5RVG>.(+_ %R#29-%U>QGFMVNE>[BC5!$/XR0Y(&2!C&02,@4VS\?Z;>7 M%EBRU*&QOY?)L]0F@"P3N<{0#NW#=C@LH!H ZNBN-O?B3I=G+J2C3M7N(]+F M.*^F@M@T=N!@EB=PR,'/&2 ,D#C++SQQ*

/;31,?2;N!L)[$W F@B5BY+(MZDN!Y8##$'C.<8H [6BN?M/%D%_K,UA:::,J,T,%PUK+?)$OD)*H^92=V[@\9V MXSWK6U.^CTS2KS4)1F.U@>9Q[*I8_P J +5%<1H>OOH?@O0)=2%]J.K,P/.2 M"'#R222 S,\M, JJ(<Y_%]^)K8766G6LI>6USJGK&#%-& T9C4LP?GC@< < M8SGB@#-HK\N?&&DV1UWI4|D*;+9NG9,@ET#*%QR2=P&,=3BN;\?+,+ ^'_ M {@GMK#6=&N[>U$L}{&#0YF2?;K,B1VV%&06C,@W<|<*>F>;Y_P[X^FU&X MU|+M/2KRSM--N)1IH;$!(HDC5R,.3OY)X&,8H |FBN3F\5B_|"FK;A]BU MC288;!]J.ZD@CW,FPMOC&X@L ,[6P>E.G\96FG?V?8QVNJ:M?362W3):0*TB MQ<#$'&0!DYX&23G H Z]BO/?"?C**P:VJ7|UY>/=:MAH V;*Y7 MQ;>75KKGA*.WN)8DN-5,RB5EMT(M)!8LRY))PN3CFI9?>N+&SNK;0=:O/M4/GB.W=0E%$L;F+A^TZFZG6QU&^G=D IIQ402?*Z^S+T/<5V=Y=V]A93WEU*L5O!&TLL MC=%51DD_@*`}*YG3_&]G>P2W5QINJ:=8I;- =K=WMN$B>)<$L"".?#A@"1T M%1Z?X\L;V^L;.;?3-5T]-0.+*XO+<)'<'&X $,2I(!(#@ TJBL ^+],&AZU MJVRX^SZ/+/#106D /-+ET73M1M;>]NGU&9K>WLXH@)VD7=04AB I78 MV[=C'3KWJ[7G_BCQ9]O\#ZA<;F_;(D=R5CEA<*VT=LJZDX[K M[T =75'4-'LM4N+&:\B,C6,_VB ;R L@! 8@<')QFH];URUT&VM[F67R9K MF*VWHH(1I&VJS9(PN2 3]U7A\5:7- XHO_#RRL+ZQMUN9M4{WH<|1E2?|X4 M ;5%>;77C@2^*?#.H6<.]S6&HZ97F;?'L8IG:/EW$%B >HS7IQ>. M]'?PW-K4BW4*0W!M)+62'[^MQN"^5L&W%E> MV5_15W!;&[;- _$JEX1]YU*LP(<9R,]*=IOC&TU#3IM2FL-0L-.CMOM:W=Y$ MJQR18SN&UBQ3@"':@#HJ*YK3/&MJ.HVEE+IVV#7R,]E)>0]BW 4;CMPQ M(.WG#!3BM? 6=5M|"T6]U6[$C6]H"TT@C +%5&3@$CF@"]17+Z?XZTZ_U:SL# M9:E;B_5FL;FZM]D5UM&X[#GC(.1N R.E5I/B1L8;Y^Q;FVD)-Y#:LL ^RAM MVTG. [=MW<;@N/>@#L;*Y^]\66\6NS:3:;;J-]+;^7]DM8E9+??RNI+ GCGY M0<'L+7O%L^A6_C*ILWO+^YTT1%>2%)MB8=X(((@%9IC LG(2@#O:*X^(VO M4\- SSC4]*>]O?)^SM!'^_/E,V&Y.$X)!!SD4MW\1=,M'NY18:I/UE*8;G4H M+<-,Q,IPV3NW$*>I52!0!U]%'[%]4]C8R^3>;A#"&@@<8W!E MN#';GDJ[[U8U7QG9;,]O]FPV.HZE*+,.'3O$ULMS> MV<^D6LH:B]HETL=I; MART99E+'D 8*\].HQDG%)J/CO3]/N;Y%L-2N[?3CMOKNU@#Q6QP&(8E@20"" M=H; ZT =313(I8YX4FB#0'EO<:+X9M+^VU42WUK#"FHW,.(;BX$ M0++N)W$$DAN2,'!P36KJ'CW3K">^ L=2N;/3W\N]OK> -#;L "P8[@QV@@G;&MQWH ZJL75O"NEZQ?I? SB[@O4C\D7%G=RVIF,=.#(R2<&J,K"PU:?2X M-U/4,V4ZVZNQ@$FZ)MWS E@.-OI))J4 M=Q*8+,68122F"PCC +/@9P,XY-<3X8^(7V_PM>.SKMC<6$-HTUD@#%B)E65 MD55PS,7X (QH.*_.ZHKF],9VM_J\&F7.F:H=U=1M);K?PJ@"G"C+;2K-R MG;@#;JAJ^CV6N60L]0B M,MOYJ2F/>5#%&#+G'49 XZ5DV?CG2+_1-%U6V%P\,L7*VUL@0;PYW9W#/ 78 MV>3TK?O+N"PLI[RY<1V]O&TLKD9VJHR3^0H FHKFK?QG!-HE]K$^DZK:65K- M&]#W$2#SH@I;*8<\X'1L'D5>F\1V4$FBQLLV=8;;;84<'RS)\W/"-/3/- &O M17-0>-;.]U5]2STW5+FW2Y^R/?PVX:W67.TC.=V >"P4J/6N6\. $&/3=.U$ MZM#]US#;ZO=0SWXB+PVRF=E168G. "OW0< CI0!Z=1110 4444 %%%% !111 M0 4444 %%%% !7.>.,!^N/$O@S4-*M&47.H1XMS%0S(ZN M%)'(SMQGMFNCHH X'0M+6'4UU(^#=8MKRTMY#')>ZL+CYR!F.,&9A\/.;B%'.M JCX7\ (ZWH7B\]3N+>*3_A(8I#]RPE!]AF)9TV^)<,5.,Y8;N]>F44 <)X- MC\0Z1H^G^%KWP^ZQV:&WDU);F/R6C .UT4$N6/'!48YYK \/>#'TZRL-#U7P MKJ=X]K,JF\35S]D=5?*R^69@1C .S9U%>M44 >7V>IZW9^ ;.6EZ ^IK->1 MJC1W$;>7+|EC WAR/DZ..6Z<23NHP9&^A03^ _"K% #642O%'7AEP MRGWKSSPZ/%?@W1T\,)X,?58K1F2ROHKR*.-XBQ^^8&,Y2 <' /3C->B44 <'M^X@\-^*-,OX= DU:#5)F4VMQ&IAF2,(R-YC+\QR@AAGZ5RMQH&LZ3-X/T:.MVFZ;<1WFD>);>;4A/$=+!0;_KGE* (K:^\/"QBN&88$WFNVTCKC!&3CO79Z=IEA!%FMIU MG!.6ZDD1PH%7)ZG [^]6Z //1+;Q%XGF\.V5]X?DT]+3+R*]N[B6XB=?;(''' M1!&)()/4A<"J=SX5UQ=- OKB"R62[M_%1UBWMFE4?.8A@8#9PI(+8SCDSAM)fF(O_F'IMCX)5=PR.I&\R><5+X*T4I. MU]\K3\0TKP_IG1R;"_NDF^3;CDQ[?78FWC&\KT KNJ* .5\..5J-VVBZH= MLMW6- MI96MZ=IFHKITLXFMX9$20K)5$##>0@=XSSWKKJ* .8T?2[ZW M\9^)}1GMS';7T=H(&+J=Q2-@PP#D8)'7*Y[PYX7UFP@^'RW-GL.DQ72WH]Q M#Y1>,A>AYR?3->D44 <)IGA34)?AAJ_AZZ06MW>M?JFY@P'FRR"%2N>"&4U2 M-OXHUFX)\17/AMK"+2;R.2[DDNHFR5B=,QA6.4YZG\Y'\Y(|(HH XGQ3X;TW M2?!?BJ]M%NQ/+I- VK^;>S2K@QL3A7!\X1TFV1%46, [OFW9.X#&,^ %,&I&%+[3-3N=2AU>.XDO7U0"T,"W 8>5*M),<)C@H",$Y)P#W6A:5>6?C#Q5?W$.RVQIK9K=]P.\)"IMP#D8((YQ72T4 < M3X;TF^@=E\)2Z']ND2?V??7MW>;&818YF'R8#;@V&;.1CCKR*R?A58WTLVH M:CJ.WMH|%8XQ@=# M))/YDD_C0!C>-8-:N/# ^S0S,9_M$1F2WE$4LD 8>8L;G 5B.AR/K7G6JZ/>: M7HOC?4[C3+K3[&^T[&WMQ%|]KE9]5J0Q+N5)+KCD@9!0/9ZBNK6WO;62VN MH(Y[>52LD4JAE<'L0>"*/,=*M)[.O!#INQVNHC4=7T^>RL[J?4([H0QJNYU MPB)CL=Q0)(S1X9!*9O:/NJ^$\3DN=/DBS>_VN7M-T9&V54,V>P(79QTZ5 MWFE>%M!T.=I]++TFTM9F789(XP&V^'F>N:/I6O0!PD?A!5%\>/;,VOI_5;F\D MLTWK^]62!40YS@98$:1HE]I): ^+ZC< ,(S:7D ![&FPQD;Y<':*#U) MKL?$5@>J^&=5TZ/_ %EU9S0+]60J/YUI44 >J]MO'N-G M<+#/;3(FPLA9D((8,#AL^OJ,:3XKM=/\):M>6LNJ:CI-Q<&XMO/C\\PRJZ+\ MY(5G52N>>>>>]>AVMG;6,31VL$<$;.TC+&H4%F)+' [DDD_6IZ /+;KPOXDU MNR\83SZ=%97>HW-G=64#W"NK^0$.QBO0G9@]@3P2!FM7Q(?$7BWP1KFG#PS/-M832VP2%)[#'FEDW#(&UB H ZDC/I7>T4 25<*Q&X;@K'@,5W $]"16W10!YIH M>@ZE!XMN]8'A_4$LFT:2V6'5- 3%Q+/+O5MW02,$# $=<=20*T//:E;GIVNW) M@TZ_TGP]E"]H]=)-MGW=8@KOL3;D8R 21@<5W=%_*^,M+U^XN=#U?2[47 MPDZ-X9VM#($,T;1LC;2W&X;LC) XZUE'0M7\3:OK>K7FGMI*7.BOI-K!<2{\ MC;BS-(^PL%&2 !DGK7?T4 >96MCXHU#_ (0RUN?#KV4.B7$9NYI+])MQ6%X] MR!6.5YIX/(X/)&KI=GJVE:MXKM)= >]M- 0N9+V";SHA%,&B1?*8$[@25(Y7'-M/6NXHH \MM_#NN-HWB>PT[2]0T_2+G1Y;>STR^NXY2+EE8?NB'8(F"!@L!D] M *T8=/U[PYXCBU2UT634X;O2++>SFCAGC1X)HLXSO8 H=W4$X(Z5Z#10!Y+_P MA6NOX:TZ6[TXR7UEK=U>S6-O>^498I6DSYQ^']0TN698T,FH7WVB695W8^L?:!D]>0UCPQ/:P^9% M9:D9[AMP&Q/)D7/)YY8#CUKBH?!DM@VIZ9?^%I4U>&YNYI89[,5S%\)%(Q;.MAF7:1D@X4YQGFO6J*-/!5TI4-1\8^+(I.ANIM- 2.WMKR.UU".U#J(!K>XLMDFEW]S+=@3*.EHPF"G.?FSO7ISSSWKM/%>CR M>(/"6JZ1#((Y;NU>)';H&(XS[9K8HH X&[@\1>+/!]X=O- ?27DT]H6N9KF M-D,P VA A)*G)_,#L;,+!XA\4W7AZVO0#\FDPZ9>1WMU/+<1.KO&I"I$$8D M@D]2U?!H%%-MGW=8@KOL3;D8R 21@<5W=% *

*PP4)Z8-3:EX7U2^_X-M6)&D"J-9AC2R=G7$A%L$/?*_,,YBFFB-M8H@@=-_RL0068_<|\5ĐQZ5XGTWPAJO@NWT%KD7+745OJ?VB,0>5.[`?(""V\-M,H<\!3G'6O4**_.0TKP]=Z9XXAN0A?3X-_@L%N"P^:1)&,,9S]W!SC'-8D7A-MVYM_"OV'5/#-WJ!.JW=TGV.ZCCGM|TKM'(C;UP2&[-D9Y'6O2]*_,+P=;ZS:_M^&+6'7I'DOU+Y,CAW5-YV*[#AE"*

[02.I]>M5|/T]|@^(>N:I)#ML[FRM8H9=_MP.YD,NX8SD8W+U'>NEHH\F3P=+83ZQH]X8U36(;R\GGAFM=7,,,$DJ44_M06-O'.,;?,6T4(ABAB6-(@V[8

N>^.F:XJPTW6;*V]8:06VOO(+<|W;7JR_MQ^6V'%%*$%MP;*GMCWKO**_.'?P[!|\)^_K{6O_I&EW-E>)\)YB_NECA97.,<_MX.'"<<9]HQ3X/FL+_%RUO?#,J;Q!?

WLUS#-9ZL88624[BDB&9,$$D$A3D5ZO_M10!RNDZ)QSG!PO//!KTJB@-KRZ/PSK]QX$U7PN=,,-S;WKW=I=2_M3(8;K_2O/51@EAD<'(&*]1HH_X=8-,\3>*]"O[W0YM(M-(,LSFXGC=YI7C*!_M4\MF^4;B23C/'%;/C?3KO5_^MZ=8Q>==W-G)'%'N"[FX&20!^-,]% 'G-K_MX9UG0\)U[P]96GVG2=0L9Y;1_,4;\W+.H0T+9.65F.5;G'(Q2&M"YT#4Y--\"

M1+;9DTNY@=\&]?W2K;NA/7GYB!OFVMNI)KTWQ-I'AW6_"MMH#7@O)KK[+]_M(N(UA$<[,<@"-7.IH-MHB^=BP_I/492X0_96V9DY/:-C_M<@*):^.O3;*+/.]#\

*(ZG8_$.9Y;9$\/6,MQ>;_Q&T+R0.<=0O+N\DMX?,3YU>37I-%_"_M#I*6BB@_HHHH_**** "BBB@_HHHH_**** "BBB@_HHHH_**** "N>_M"-6O)S=_"*&_LWV2(?!>K.19&,7-W

8XS*Q"YR.I_M_-_%/4O%MY.>(W\/Z7H4^17B64=WN^T+;$@1F=?F9NA^48ZYSVP37*>+_`!+<_M^)?"OAF:PTJ.2SU/5(X+jW>Y$3%E=@T#>Q9#ST^7WKM;;1+J+Q|>;VS1?99M

M,AM% 8[MZ22,>,=,,,]8%KX+U2'P[H-@SVWG6&O-J,I#G!B,LKX'"+8=>/KS M0!>3Q%&WNI]/M8GNH?MBQQVN\96(.V=[8!]L8YYID_Q&@.C:+?V

M,DW=W+JMR|HE]"JR15*RK9X&&0@G_:>E/N-)\1:XLU;5]#MK"_@U9(3-#_M=7+0-#+&FP,"$;_O/.E0!F0|RDN\#2M7T=|,#-_;5/I_B(=Q#[2M#T+=|,#-_:>10+X+U0?"RW\-,I;

f=':7X0FMG-MO1&WBF2,_:K@RN=OVA2-W!W\#L,"O4JX"S\%ZI:I/A^U=[;S-/UZ749L.<& M)FF(`XY;]XO'UYKOZ_.9\.>*KKQ)*9[?2"FE&26-+LW2%]R,5^:/JN2#CDGI

MD"H$\=0OX'LO$_V&01W4\<(@\P97?,(LYQVSF]&F^&M8/C>VUN73=,T@1B47-MKV%T[_VB67"[DV*\@_-DY.>/>LD>#2%]^%[;PLBZ4-/LKZ.=+LSN9)XEN\(%-MV;<(P'4Y.<8QSD

'47GBZI.M^7<Z+H8sVJ#3M@O)5N$B"LRI@B!OOMMO(' Y-MS7/QZWJNG_$+Q@NG:)<.HPCLY67SUB2-1"IS-$8=26V$-_MPG(.<95LCMR>.30!IZ']|OK^AV6K6@807D*S(<&&

(Z'W'2LNYO84^(=G9DW-M?G-I2-AQCIA3WH.PM-^)4U_9:/JGDMZMI'U,.M.V2[>=*4D<[5^3KLW<;N/7&<RK6\EE^)_B34],THBUT.*)DN6O.BBB3ON5!

MUW]2.W>M6#P9JMH;>)D.73;$R,2/J_2[CAO#MQ8:7]DJ0VMTUPCL&D_U-M?F1CE-WU,"0#BK6G^+[O5?$M]I5EH,[V]A=FVNKUU5$^4,"H/+'GD#H,'/.

M*R4\/^*MM?GG+T6GH=,M[`2[B">:ZM[AY'NC#R@5"@V D G)/M70>&M%NM(O?`M$,URT974-3;[AV,20ACC7GC@V*O7 M,]\+-2&MQ:3]?AJK*ZNK:6>S"W:2

MK*8\;D8@#8WS#U'O7-:=XKUG4?A[XBO}>L,B."U%YBXM;M(Y3LD8>6NT?*5 MQN[XSWJ?P[X)U"Q\5:-JSZ-H^EQV5M-#/]EG:66X=E4;V8H,\@X!R>3SS4J^

M%/$"^$O$_ADQ6)@O#=O970N&W.9G+\739\N-QR03I*-JZ\4W$-_,Z-HVDRZ MI?"S2ZF#W*Q+#&>%W.0)#K>BV]E?"ZL8;2[M,BX.$AX\[75PK9&&((([*J

M0^".333=I\V>U>_;Q"NM7Y0D1C).Y8\(C)P-H&<9QVIH WM!\37&IZO?:1J6E/-MIFHVD<<_EF995DB?(#!A[J01_J/Q3D:+X9ZY(C,K+"I!4X/WUK0@T6ZC^(% MYKC-

'}DFTV&U4!COWK)(QR,=,,,]'C?1;KQ%X,U/2;)HUN;F,*8EA2-M?2@"MIOBVZG\16^D:GH5QIC7I=SV3R3(YD5-NY6"_<6H>Q/UIA\7:C:,KIU MOJOAV6QM-

1N/LL$YNDD82%690Z+]W(4]"<=ZMZOHEW?>,-!U6"2-(+"&[CE)-M/S9E5 I48P?NG-<1HOP]UJ*[T%[K3M(%UIM^MQ=:M]H>2YO0-V3RF5SG()!8\

M@8QB@#LM^\576LZU=VUGI!,3[2[DLYKLW2!UD3J?*Z[<\ YR>N,5TU<'-X:U-MB]\:V>K#3=,TQK:Z+SZC:73F6\@PP$3Q[-#G*Y+$XQQ7>4 >2^#O&=YH?@*P MNKS0[1]'AN)

(KC46G7*IV&\1_>3)&K\ KK]\8746J;C9:1HLFI?X9 MF\D^T+$%9EW\$!SO;,@XX'(&;Y>K?M:P9'X,NETH:,++NFOHVW\O<1: M*c(

*[>VVG64UY>3)!;0H7DEBY4+HR M2JZ[?];OB\OCT]:S-2\"S7^G^*+9;Z-#K5[#PEM#%MY)=T;=GVV M?K6%/X#N'T&]M(=1CCO'U!M8M9C$66_-.\Q59<\CL>>]=Q10!Q4/A#6;G5]4 MU75M5M9KF^TIM/$=O;E(X1N)&,L21\Q)RVE=] MAQ\Y431D =LYS716U_;7LMS%;3I*IK+Y,ZJ>Q MB94!EW(_#$D+Y3,22>]JJ]) HH YJXBU#3;WPWH>A1&*PA'^ER-%E%MXTVJF[MLS,5QCG)K?O+?\?797%MYCQ^=&T>]#AER,9'N*FIHH \\T;X?ZG87/AS[1>Z6 M+,:0W)1,2R,;W \IDW.Q8_-\P/'&"IG\'^)-#^VQA]7N;]=)=AQ&)F M) (SSBNQ]M>W]HILGO)T@+8\' M[M(L6>]2MVD4^7G9(F&'S_.1@\&M+P?X?E\,>'(M+FN_M:I--(9MNTMOE9^1 MZ_-6]10!R^L^:=4;Q-%XBT&]M8+W[+!CGAO(6>*6,-N4_*P(8$GUSFLZ;P#< M2^%-0LFU-&UB^OTU*6\,.(_/5T95"9R$ 15QG/>NYHH YN+0=0G\1Z1K>H75 MJUQ9VEQ;S);QLJ.TC(05R20 $QSUK,NO +W5AJT7V](fYUD:O:3>5N$,BA MH92? F'RD'IPU=E!=6]TKM;SQ3"-S&YC<-M8<%3CH1W%2T WC^PVKIM9E(W,68Y'/0#\:VM&L&TO0M/TY!(UK;1P%P,!BJA8BXMV.&&1P?N]0>>,.1_A_<:KI^ MQMK>1IOJ>L&'] [;PE8I80G-0616)PW3R>L>BI\N,%G8WRW<$1\5HRW053D1;IV #'T)-Y M':NMN;JWLX3-=3Q01 A2\KA5R3(@#)]20*E)P.GI0!A^&KG5!U=2NM34QP27L M@L87BV.L"X4%AURQ#,,\X(I=5T)!1\1:![JBSJBZ7+-(T97)DWQ%.#VQG-:=C M?6NIV4-[93I/;3+NCEC.58>HJQ0!R>K>&-0/B9]?T6XL%GN+9+\;YM[^W,D;A M"2KJ5(*L-Q'<$5RGCO3Y)+WPS;.Y\4^']G6?[-O-.NX[74],N?M%M)+&7C;*E61@"#@ MJQZ'-8I\$;M>+XHFU+5[>;[US35LOW5N4CMR!(!@9)*_.IR3GV !NB@#C+O MP? J$&JV>K;1=6/VN.P2PN(KZW,D4]HVS2>7(-MJA/.0]PZ@#(/<4EOX%2RT_PO96UX2FBWANI'D7YIV99 QXZ$M(37603Q75O% M<0.LD,]!T=>C*1D$?A4E !1110 4444 %%%% !1110 4444 %%%% !1110 4 M444 %%%% !6!XTU2_P'#*7FK;LQ@#DTU_*_Ls69VW(')N%C$Y&?3RFSCVK"-ME OO$.MZI\/K]7M+;4[Z"_F#2Q%DAB=4*_(*-S!"O&1S6NWPFL&\$O>'&U2\R MER;@WN!YK90QE?IY9V?05U5SX>MY[+++8M/#)TF6 6\]L 49&(# ALC!!X.SG>34_$$NI(8]BQ&UCA4'(^8!1DGC'4#D\4 M ->5H-7_X9\@N+],BO/-^Q-.QM$4,?^DIP[(CNR<>*?;? #XP^$I?#4FM7$VG"2%K4-"@:.! M8Y1(%R/O9(R>PK=O/#UO>^)+?6)I&8PV']4\2:YXEU?== M64&D:9J4EIY0MRTLX"]<%MP"XW#G!SST]WHOA/4=#%K9VWB6[;2+4@0VCV\1 M81CI&9",E1TZ X(]+6>BRZH\$?_@*20!D8)&O#VSGFN!U&/?$^_@M P-QA*_KX8EL'1J6R,#'4OK.+4-/N,*?DW$31/M.#M8$'%&N9M0!.];-1.FW MNM3W::.5>P7-L[0(A"1#"QG'7W;K0!G'Q7[_AN[\16FO36^H_V;IBZG!-;P& MNI+J8RNYOXDX/H>;I:.XRU]ZU728'OH;\:D&2>.'2IH18N8RRL'AT!&TYP> M0?:NMO?"=EJ.LZC? W;O)'?Z;--F@Q@>6&ZO M+'"V79';R6T2LZ[<*'<#+8X.1@D@9S0!@67C75+[1= M42!-?N]2.PO8|F5B\ MDDSL!G^ZN1_OBO0fX/0?#13XI^(]>.VGAM55(K82@A'E=$\Z1 -? 79&N>Y#W ME 'CVA^'+IM!\ ^,$M.MIHI;.4I+K==-26ISB&..T1W,%RL$([FXTV6ZO6LC;6B0,J0B615(9\DME7':\@#Q[WD MUJ&M7%Y=:,IV"5S"B+&OSX**.GW^ASSWYJ]?^%8+_PG9: US(D5K]FVRA1N M;R61AQ[//UH S]{U37[/QM_8&M7=G>I<:>U]%+;VYA\IED5&3!9LCY!P0>O%6 M/B,+S_A?FO/972VTD=C;[.4WJ)*CD8)'1NWH:TY-#CD\60:^9G$L5E)9B+ M VD,ZON5Z_)C\:LZMIL.;/>Z90/!(5."%92IQ[\T >;Z[%KL>@^!PU M_:?>HO]\#02O;F.-;>3 8!B6QR)+%K%G%;30I-JIOP02?Y_PP*_=\/^+M5G\2Z983WI>20 W$-1+EMA9NJ;QAGX9#@KSSG'KBN]23?9O"VKS^5%+Y=E,_ERIN1L(3A@ M>H/<54T? 0]8TZ>`[9XFN;~UA38D+VT2%^,_NX&6(]L9/6M35+%=4TF]T]W*) M=0/`SJ.E0REZY'K>EZM- MI>[*W^RR2)$DJ31;MP#(W<$D@CU-5H_ =G'I5K9_,;AY8]4359[F0 O<3JVX MEL X X'-H H:GJ'BS3]6\.Z#'J6G37FHK=M/>/9E501[*I6,/R0&(QGG@-M^U9#^)/&PT/Q%>_,-)!\-S31RG[*Q-]Y;B0Y&/[U\A XWD MZRTSK)IR3HD8 P_FA0< _3,^M4&\'P-I'B;3_ +7)MUZ2:21]W6Y(UC('K@+ MGF@#+\1^)+f(6CVOB+3]+,]FMQ';2637.TA/,2%883H.XZYYKGKW5M=2GX> M:K9ZC!![Z@SEHOLYD59?(D+,?G&Y<4 4],N3763>"94U,7VFZY'M TZQU6>UN=#'=9\67=Q:6LSZ9I-K.98X1').Y\P89N3MR!@=(\2Z\;7.F1V>AWUS$ML]LS-^7+ M\/[++[-,;)O#AD,S1 RIM2'A7Z@'<^!9)[_57LM>O;"QU9M]!:0HAW MOM"EE +KOMJ\MC);I;OY%A! 0S2!]BNTFC)SE0. 1SFK.A^,=3/B&QL[[^3 M5+;IAE>=X=+FMA9NB;Q\S\,APPYYSCUKH;/P980>!?\ A$[B22XLFA>)G.%8 MAF+9&.A!/"TJ?2=$UBRF3[?XEN-1MHT*+"]K$F_C +L!EC],>] &/X9O?%GB M/3+37O]0TZWL[]&DCLC:,S0QD'RV\S.?\S?=)& #R..M(;UM&M79H-/.4?R@Y MPC28W.HSP/8X>,&X8W5PJGRQ;*JLT;G_;98P![&N_ MH |2UU=OC?(/.?S9+%+(Q8&T!79 MI/V?7YL?A5&U\Q%?^X(E!*W,DEQ92B4.9IY+ZQ)&>?)(]"'W'T% &6V1^),)=W#'M*K=]8]7MD3*UM,49UVG<=R_*0^T?.VTD GU)QFA_ UL_@^\\.FE$5U=O=-+M&Y2T_G8Q]*=(=)U3Q!9^ M-ET+6[]RNTNM/:]B>V@,7DLCJK1\L=R_.""<'BM?Q\U^UUV:VU+[#I0U2"6W@,!8;F4QD;F_B48/H>;TK7P/+ M'H>EZ5=ZW/=PZ7>6]Q:LT"(52'&V,XZ].3U]_J/A*QU76;Z^O'>2.]TS^S)8 M.@\OZO;*V78DEMK.,8&]P,MCKD8R1 MSFN@==Z,A_B!%`D_AG6-9L? WP]TW1FM$#L:.2)WN4;*@6-GW C)&,XR,] M.CK6NWB?Q-8Z9XJLF2#4M6T;2 1306S 21RJK;C$&)+[V*AFV MOAB!+1#VVFV MOAB!+1#5QH$[V>*LR>&)4U#6]0L-6GL[O5&@?S$B1_*\[=N M,,"""".OUXH YG4/$!F\"-?C4]++\0+_.;5K$KM9!1'NFC4]9)PXR2.A'"'&;N MW6J^)-,UO7!?1;]PM;/1RL'EW%NTANI3&'8%@PV* P (!.ZA>V]YH7^GZ[>:=#J807\$ M"(?-*KM#(S F-BO!(_0\T <3HGBR?2/!G@K1;6Z2R>[TTSS7;VCW)C1, !8U MZDENIX :]16H_CG7QX3EN((K>;_BUF'3XIY;.:2"*ZC=D ?:W*YW8/?'!Q6Y' MX!2ST50HM-U:XL[_$:!K>"\6-7WQMC"@#\VX-?;KPO<-EI.+.PSFN*\0^&CK/Q3\/7HMIQ;V5 ML\W-@*0fX."9Z%@9\>@=IZIR@#RS3U\3#5O'-QHE[86T5MJ32A;BW,K3R"M",[*=PV+@#D9//:.QH_C].YU'39]06*WTO5=%&H6[8YCECYF0GN K\A[U- M=^ KE[S6)K'B*0fX.'

*!1110 4444 %%%% !1110 4444 M %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1 M110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%% M% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1 M110 4444 %%%% !1110 4444 %%%% !1110 4444 %%% M% !1110 4444 %%%% !1110 4444 M %%%% !1110 4444 %%%% !1110 4444 %%% M% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1 M110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1 M110 4444 %%%% !1

*M\;^*=7USP!XEN+'187T)5FM!!/$K>&]7\+V&I:9'HUY) M-)#+++&YG02,7,1'W<;B?FY..V:.,I.\3?\B!K'_8+F_\ 11KE_#OBK5],TGPI M'JFBPV^E:A'!903I=;YDD,?R%TVX ;'9CC(SZ5VFK:=)J'AJ^TR-U62XLY++= M7;H"R%03[TI0H+G0+"257E>[*3S)$2LDD:;"N 5; + G;VJU?^,M2E M\16^C^`](AOVN-.CU%;B>Y,,:QLS#GY2<\#&/7L!5 ^#/$EKHNH>&-/U'3DT M*\DFVS21N;F'"*9BSH%'RL?F;#$CKTK?L?#9)T_P 7)JD$B"RBTB+38XN=XV2% M@?J&"!0!2T_Q9]NI^(-3M(='@CTS2[MK>]O9;K\("'LHH7DC/0 P1@GMG_\M+ U5-%@\3SZ%#'X:F=,2 ;R=(F8*LS1[-N.0M>"!]3\>;9KL5U"91B,WUN0= MTS1%FA\$7OA]!UPV%/;RM*K0:66&0D6T&^2148<9^:3G!Z*:. M -#P=XCU#Q-81ZE-.Z='8W$0DA:UO3,Z$_ + .0; P!YP3@@BLS7M8\3VWQ M*TG3M-@LY++*:SGD\J:Z:,2;3'EFQ&V"N> ,YR\+:C9^++;G7[]-+M'F MM?L[P:8KA9VWAO-DW ?,,,8'\.">;M^(-#U:¥\2Z1KFCS60FLXIK>6*[#;623 M8<@KSD%,G?/;@"E<>+M;NKG5FT#1+:\LM)E:">2XNS$\\B %TB4(PXSC+$9- M=`I6M6VL^K76K59&M[FW$Z+CYL$9QCU[?6N8;PXSFTNYUJ'0+[3%L-6N'NB MUVCF6UDD #E0<63)#UTNCZ.F@^&K31["3BTMA#%)(,Y(&-S 8ZGDB@# M \;>-+G5]#G\07EMI\&CI:O<[K>\,TT.T9*2\I #8R3@G!&/>]+F?$.>YO=' M-[9Z=%9ZO((K<6^H";>%F4L@E3: ,@8X)P»+1,^!K[4-:0[_%A=+M%O-.EL M+A*.5Q]!|S&9)-P'(...IY/-6/#GAC6-(DL+;YM;V]FH3[9%,,+B55& -<8 MPK'C)R>_%`)'M_R"I/\ LH*_^E(KL8'_ +/^+EU;1\1:KI*W3C_IK#)Y>?Q1 MU'_ 15<^!]PV30?:H-Q\3#6L\X\L3"39T^]e8]*LVD,:C\5[^^53]GTO3$L= MQ"!FE?S6 ^BK' WU0!V%%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%8GB[7F|->&+S58X!/-%L2*(G :1W"!*"?3U:(VT MZH7 P7.]#@CL>E5/A?;ZK&?$,E[>VL\1UF\5EBM3&QE$F&?<7/RG"'XXXY- M'5W%$9;B:,&,=7D8*\^)T\ M.[M-%M+9,2TG4/%OE#,\A4\%N N3TJYJ9'A>ZTOPYX4L[.QN-92!&O3+%M1 TCB,$<_ = 4$#)SZT =I17GEUXRUOP]#XFLJ42UOH[2K%+^VG@B:))HW++\ MZ;FV[64YP>1Z4.1XDUR?Q1/8G7=(U6R@TPWTDME:D!7)(6,L)&_O#]2 >G6 M@#T.BO,],\6>*_[*\+:]J+Z8UCK$]O;26<,#AX_-&%D$A;KG!*[< '&3UJ'5 M/B)}!O==?3[ZQMUTJXDMX;&:REF>|>,?-F12 F3E5P#TR: /4J*\|\0>/=2T M">RGDL%FM=9M$&F1;2LB7AQB*0D =.X'/&-I%==/<7VG>%YKJZ;*> M(-I)# M$15'D5"3@=,Y!|5 <;4 %NH>*M1T"QO-+MQ8V=M-)=RVKR%I'#Y"IO'I*]2 M>\ZYR #NJ*\XT QOK7B"VT+3K!+,SU>^%R:R>2-I8H!;OY;E$W L6;&,G@=<-MT7_C77-%T3Q9#>"SN-5T%8) (YXXV2.XCE^Z2A8E6X8'G'2@#T>BN/O;WQ#I. M@"XUC7\#L+B.X'[Y[9BD*E?\6B|P9'W=#D9&>*X[7/%&L:W\,/%OE:E:F'2Y MO*:\M[=X_M$)16&U2V8WRP&W8R26Z.06,N_AR 2!M(Z"#TRBN'N-,\IZMXON=&T2XT^ MTM4TZWO!#C2K:&;Y<;=("=CJEW%"9&8DRQ9V M[TD:-BN>=<$]2/K0!O45P>A>)=6U;0%>V%UJEYGV\"!+/&ND36;B81KD1RJY<> M8#A6.T8P2...M8GAW7=;\:>"_$>N:C>P:C%:W]W%;B!D9I_M&P?.7;"%C]W\ M -/4XV -/5Z*XG^UO$^@:YHD&NW6G7MIJTQMF^RVS0M;3;"Z@$NV]3M(Y /0^U M+X;U;Q-XF6/7;>YTV#1Y;]2..R>W(.T9>-L@,I*L/]"""*L5Y1X U^\N;D^':*$*;ZA=W>H3W"GB$W,@"1 MKD%F8CENB^Y.*]7H @GO;2U>-+BZAA:0X022!2Q][L]:GK5'Q/IB:/XLU;7[< M\-IK^A7EO$K2K<NGJBD,/+;JASN)7DI.#7!IXUUBI[L>U MM4M%U2^URZTV"22-C\%%$SDNR@Y8A4Z9&2;B\.1^(K?3/#T=U<;?>;BOB*W% MM,D30QL-CX,BY8@@YS@\@#10!Z317*>'M6UE?%,J>'M;GM+J6WMX;N&YMH#" M&1RZE64LW(*<'/(-4_%GB74=*\26FGKJ%GH?3+GRVWF+J%[:M+%++/N(DL&4)Q M@Y))YSQTH [>]\EJ:07L%G)/$ES+_$-]I,VV#Q' MHU@ZVWG1VTU]\\L]#/4*XVH< X/?!FJ$6L'6_$_P\UB2,1&[TN\N'0'(4M"' M2:]4 >C45Y+8_$S4,VWL]8BN;26"YND3^QX[&4S)"SI0WG9VEP"& (QC]/>NA M@\3:E-XH'=)NM1L=,6*X"6UC #G;R* .YHK&\37\NF MZ;,B+4]/TW1X]M*,/3Z*_P!:\3>(//#6DV1U2ZTT?^]WW1P#M2;I2H&I;DGL*O^#? $UYJ^I:GIUU/%?):+%)#?PVKVZRA]V5*L3AE*]C@@ MCI0!V-&.<]ZXO4M5\2WGC>|\/Z-<.:?.0PZ?%=FXN8&E8,SR+M"A@#G:..<\8/ M!SQAV/C3Q5-IH&B^) [H=+CT^ZO8K>QBB#U1C;P:CJ/B&\MVE='EA@/E.TCI!AG P0!QG(S78^=#/$ MUX]^I:GIUU/%>]:+%)#?PVKVZRJ^[*E6)PRE>QP01TH ZO;B!KA[=9HS.BAF MC##)?%DEO:68GL-!2[CG,/[QV'G$*[9R5&P<>YJ& MP\1>)[> ^\,7.K2:,;)8Z]?+^S6\+*]LQB,B'>6,._.T@\+#&>*/0**Q_$U_+IN MCFXBU/3]-^=5:YOE+HH/HH9=S'C S7##XA:I#X8\5W"7%EJ-SHKP>1=1P-"D MZR;>&0DD$?,,@XZ4 >HU'//#;0/<2I%%@RTDC!54>I)Z5QL.]^+'Q3:-]9MQ IEUDAU6RGEMM;9P+66-/\IR_P"\7YQS\I..U2VW*2.%P,# R-<4 >O@@@$'(/0BF"X@-8J1X7>,$WF+ <-P7 M.,XZXSWKD)!7UW5?$MQH>@SV-A'IUG#/<3W%LTVYY-VR-5#KA<*23D]L5#<:- MM=V7BV_2:TT[[=;^&ENWN(XCN,@>3*!CR8\KD T =S17F[KX\56VF^&=?U-_M],? 3M8FMH)+.'%P\(G V2"0MR_T"_GFCUW1K@6]W'$^ ME16SM)Y;.J_-*'PL@#9P5 ^M 'I-1PW%9RC/!-'*JL4)C8, P."..X-<%;+K M[?&'4XUU:V%FEA;2M UJQS$9)/E'[S ?@Y?/'"%5K'Q1>0:-%;Z58Z=;ZC] M.OW=A"1"5A0)(Y.5U!!9MJ>HR30!Z517"\Q'KNC:EJ'C.K-9WMQ!1$FIV=W+ M 8@P4E2CN;D-MY\Y!]MI_B7Q1%_PBNI:K)IKV&O/"';6WA97@+Q&1&WEOF^ MR-HQGC/6@#T2BN=\7:!>;/;Z=;;;'"VH:G>I9V!3@F.,D.S.P!!(/"J> 1DX MK*BU7Q+;>(+KPS?7UA-=3:+> <.>!!#"@#IM-U[2=8GNH M=-U&VNY+5@LZPR!O+)SC./H?R-:-<+\(H+V+X<:0UU<6\L,ENK0)% 4:->4/\CX)(^7'3K0!Z M35>:.^M;>ZMK::XCCGN698(V;#2%06(4=| $UG>*!=\AKPKJ.L>:ZM\OP:Z#PGK;^(_'>EZQ)$1AEW;K(\:GA6[@>VN:[+]LNGJ MXM$^SI"[,PVL[!^O-MXSP!D\5IZ!H2:#%?HDI3?;+^>)9<,3*VXKI!ZUJ.Z M1H7=E51U+'^%.H YG6O"4E[KD>NZ3]FTVDZ[(?I\[J1++'/'G(5T;@'H001F MJ!SX+N[NWLIY?$5X^M65R[IQ!]+11_)N4(T?E@!?+*CIUSSFNNJEJVK6>AZ7/ MJ6H2F*T@ .1PL;) Z#)ZD4 <-XE\'WT/A+Q#<>=<:UK>I)#')*L80K$CC B MC!Q\H+-MR=QZYZ4SPU!]{UQ;+3I-7ET2>WE^W/JFF1VA20@!-F(%RS')SP1C MO7I--+H'"%EWD$A<\D4 W:U28"4@!G0M]W. 2#D9KJZ*.5U?>9)+(+R[GUBY MDNUD4VZ%0OV;G+2+C^,L%,<#&T"N@L+6:WTNWM+RY-Y+'$(Y)W0*92!@L1 MZGO5JB@=#B;/P)].E0MIVD^++^RT7<2EHL$;R0]3DI*PRHV,,@D>M377@]2 M^U.31_$5QIEKJCF6[MU@20^85"L\;'E"0!GKSS7852NM6L[+4;"PGE*W-^SK M;IM)WE%+MR!@8)YH RK7P?96.HZ#+<6 ([O0=]9) ^,@T^70X]?N4\-RRL[:<($W!&;>T0EZA"2>,9P<9KNJ*,,BUT"'*U M\47FML3Z9#!<%I-3M3>6H\MAOB M4ENG'WUX.#S0!E+X2O;C7[#4=5UV2^CTZ5Y,2+[*8;*S*5^=U^L ">.GC,: M@3P#&UGKFEW.IS3:-JLDLWV3RE5H))'#EDZG#<@$<>]=C10!RECX0O3]UA? MZYK\YG3MQM(S;I"JN5VEWV_?;:2 >.GBFZ7X.O=%N_*I/$-S#HHNFN5T!0 M(2I9MY02'D(6)XQG!OFNK9T4J&906.%!/4^U.H XVW^'|O9K8S6M_+#|%E>S M74=TL8RR2R%WA89^9#NQ]0",5T>G6-U9SWTEQJ,MVEQ.984D0 6Z8 V+CJ." M&=9U2:\C@\575KIUXNV6V%K&{(I7:PC'!#$'IGV[ )X4N[VWL!]FN37EQ:.E'] D,"(OR*5$: MJ/NKSGJ3G-=/10!DPZ5D/BRZUX3L7N+.*U,6WA0C.V<'^] 2]7B?PYJ.OQW M%K%KK6FG74(=N+:,[)'D'0)5CRI(..XTG6I[^&ZLX;.ZC\E)69@(54HS?<.UB.A]<9JSI MO@N'3G\,I+QY/[*LY;1 4 \XJ*2>>,,/UKJ** .2TCPAJ6A^&RTWQ'-%HT, MN^,S;TC=T0MN,8D^/)'3'(>GZCX2O=7U6WEU#79)M.MKU+Z&T^RHK*Z'Q\]J:SN[*[2[MIA&) '4$?,IX(PQ]/K6-)\ M/FNM\:26]|K4]Q<:!'&L\YA5?+*+M&U1QC&./;]>M=3]VJV>B:5M+14NY,.\L9UN+2ZB4,8Y ",0>&!!((M/7-3Z/8ZI9B8ZIK']HN^W%MEA6/&I M:G9:18R7VT?;=M:QE0\LAP!DA1^9(%U8WH9"FV=K&2N><>M ^%ZIX FOI(;.&%M=P+;,H!;R@0I7/(4@#(QZX(5S\N\\'7!U2UU/2-,ETVI\CLEL9W$ M*2K-$IRORMP&!)P>>O0UO:9]UG]\,TME*9$AGDMI"5*XD1BK#GT((/-7: . .+B M^'<-OH4-A!JUVMW;ZA)]-K?LJM(DKEB=P/#@AB#TSGM70Z/8ZI9B8ZIK']HN M^-@6V6%8P.YP!DG,>'3XAM]+RKU MK.ZL;M+NVF$8D"NH(^93PPPQ)K6++\/6N]A\007VM3W%QK?D&>I6NCZ7 9!H&MZ#_,4ITO4?,.4)MUW6QE2.K$MT KK**/.O"W@B_ET+ MPL=9UF\EM-/AM[[/3)H\UHUC&%=_O$(2<*0.8&2<59N_AQ<6NH:='%@GAT MF\O3?-;"V0L)#()"#(>2NX9QP>G)'%=Y10!SUSX;G:QA'%LM4>U9E+:,ZM_ M)5UGC1RPP3RI^8C(SQ6?)X A.D"UAU*>"[AU.75+6\1%W0RN[-C;ZM)?2'Z*V1L/M'DK$L,)S]{//N'!J6GRF6TG M!,,E2N<$@&$]0: *?B7P]'XBL;>+[5+:.75I<)=6MU$ 6BE7.#@\$@)!!Z@U M5TCPO-.:O<:QJNJR.E]@Z5T+ND;[G957IE MC@4Z@#*\-:(GAOPW8:-'.TZ6<0B$C+@MCOBN8U'X<37MMK.GP^()[;2]5N7N MYK=;9&<2L03^\.W(!QC/;.* [RB@#/US1[7Q!H=YI-Z& ^S7<1BCZKJOB6YU&72B_D(;=(T(:-D)8#JW(.[VX R:Z/5-5LM%L3> M7\WE0"1(]VTM\SL$48)Y9@^NT 22WTCQ'+::4\[3BT-I'(T6]B MS*CGHD)//!QFG7QA"_MV^U/1O$$^E_VB$^V1);I"95VAT+;?<;;@9Y' XKJ M2Z'PA9=Y&0N>2*=0!RNH>"(J?$H.^E4Z[:16SDH"@@B,NX>1.[/;M"W\.QV M_B8:V+ABXTY+#RBO&%)&I,3 MR,Q92IX9<,5(!^U;VCV:IV:RG4I7.HR.1MQ;+"L8'H!D\^Y/3M6BI[&-795!-M(R<9)Z"G4 <[?\A2*_U36+YKIT;4M,&G,H0$(7^8>L >=/:EE*12V? AN MW-TX&ARQRH=@_>[(FCP?3.[/X5T-4M1U:STHV@O)3'KN4M8?E)W2-G XZ=# MR>* *?B?0%\2:/\ 8?M3VDJ317$,Z^&,H)K:T>PU:S,S:IK7]HLX4([VJ0K'C.2 ,DDY'4]N *U:* ."UG1 M-7O_(HQWNG7USIQZ-L\VMN)8F;SCF-@W!X.<9!& .OV_@*VM]-TZV^WSR3 MVVJC5]IF11NN9_FW9 P #N[= :7744 8]YX?BO?$MCK,DIS:VL]MY.W*N)^A M))!MGZUEZ#X/O=!-O9O^(KF:1;7<(+!X$SL((")U91G@<=:!R<5UE5=1U.RT MFT-U?W.=O `5/.D.!N8A5'XD@4 <[HWA+4!6WL'Q),NC6\F8K1[6-G6/.? M+\T_P]NF<=ZU?$F@0>)-)^Q2SRV\B2I/!<0XWPRH=RN,|<'L>V:UZ* .:TKP MO&M @TJ.=IT MA:1A(RX)WR,_3VW8_"M:B@#E=2\'W#Z_/K>A:W-I%[=HB78$"313[!A6*-T8 M#<(/2MFI=R/IU!XBNTUNR65/M%L22>F20 ^]ZRCM!6SZ7!+BA(RPVDDY7J!S??:C]MEI*6S7LWEBYN(6+Y M2VZ1SA1P,.GN>*MNZ1H7=E51U+'.% &'/X8BG;PZ3_NFCY]/ MO9JA:>$-1TJ:>'1_$2M?70C%G<*H#6 C.Y/ M+!]^6)[].E=-)9I=Z8]E?;;E)83%/E<"0$8;CL#SQ5FB@#C=,\%ZMI4=O80> M+!0_L>W9?*M3!'YH13Q'YV,[>W3..,TRX\!W.=3M=A\ $5S8Z3]DKS75HD". MP.3 %GER'E W/8XR<8KM:;SH@!=E4&@#)QDGH*,2U\+VMEX@L]3MG,<=II MATV*V" .*$W*P.?,8!7+IX;UV\|=>+[[RU>\[T>*Y>V17^S+)'.H@4%DW=&4Y& MX'Z/GU2+10!QO\ 16"0_A_4IM+N]M98LEF$T)O613C)W#=D8&$^HSS7E]>Q7UW>N8I)8=&* "C.5<(% (95V%%_'/^(2#IV6HM M8:AIE$,AA5#%9 X*DC^Z,$'BLQ_A7R'PSJ>DR:QVD_1]: .JRT%++Q!K.K"=F?4U MA5HRN!'Y.E1@I\YIWAK1$\-^&[#1HYVG2TB$8D9<%O?%.M4[[5=/TQ[9;Z\@ MMFN1#)7"^9(>BKGJ: +E%%% !1110 4444 %%%% !1110 4444 %%%% !1 M110 4444 %%%% !1110 5C>*Y=8A\,7TF@Q[]35!Y*@ G[PW%0W!8+N(!X)Q M6S534[#^T["2U^UW5H6([FM9-DB$$'@X/IR""""_* /*_%5W_&O*==%OXCU M2XDM98_M$-]:QQ7$>2O0]1+?7 R=P(;]173:I-RUIXKUSPW9^+- M.EO5U&ZTPV?V"\GB56Q/"`MW$$2,C^8N2I0+\I]"#CUKI8? VCKH^IZ==?;+X:HZN@S(BL& 4!0.Y R2"3ZT -\&ZQ?^)) MM1U>>>Y\FU69[2'2]@#YQ1L$S'&?;/7:#@ CKG-9&OZ9??/Q?T8P.W=V(@?3:A ME$443; KQ!E&Y#PW4YR>,,5U!OX? L[3Q'=:W;M+%<7<2QW,:,/+E*_==EQ\ M#C.>E0ZUX8MM:U*PU$WE[9WED'6.:TD"%D?&Y&R"""#M'OZ&@#EH[KQ%XD7Q% MJ5EX@ETN/3+R>TL[6*")T8PCEI2ZECN:> 1@8KH])\2-??#^V\2S08=].%Y) M$O3(3<0/:(X]K?>_-/O+R_FBU'5;*#46WWMI:7 2*X8C#$C!() P2I&:Z2&R MMK>PCL8H%$2UCB$*0@?*$ P%QZ8XH \PT#Q#XHO#H&I^^LWAU"6(WMM)]QVD M4,@R6B<++N&S(.2QW &G7>]>*KG2?&.LP>(FMDT.\N5M;9+6(K(L2A]LA)((M.!C'\4D]NNTKP7!HTMNMGK.LK8V[9AL&N084'9? N]RH]"Q%61X4T\.3KFFIY M_(UF6:6Y.\;@95"MM,..!QG- &!KNM/=R6,=OKVJV5U-8I /ES@\GMSW]I.MXIB^&E\MXEIJ5V.HR7*PAMI$#!F"GC) .,\ GH0.5 MV]UX(LI[V& [M)0U*QF2T2RD;TG">?\=H,*GD9/S+@\]:@D^\>CMI6CZ'^/? MP)HYZECS9D MK@[7V *2"IYP.#6QK?B'5+SQGJND6MUK%G:,9###M;2[%+AD)9+9>:WE\ :4=%U33KBYOKE]5=?O+R:4-/*5QMYQ@-8 P!5G4_"-O?ZNVI/ MVHZCIE])$L4TMC*J^>M $WAJZU75/"-G-JT3V.J2PE9AL M"LC@E=P4Y S@-@^>M>:Z7!IY;_"GQO/-J]S=1?\32/R) (XPN\.^9.JH.XX/&< M<\ 5Z]96HLK**V$TTWEKM\R=[[M[L>YKGE\"Z>D&MVJWNH"RU=9A-:>:OEQM M+]]HQMR"3GJ2!D\4 8.F3Z]H>K^$8KO6VOK75XWAFMFMT1(2L!D0QD#=QMP= MQ)5TZ3?=. MJ6X^UN+?3H=.5K1X5E*;&DV[BQ4$E@PP>,<5Z5/ MX>LI[G1W:,?I#%K? ##!S&8_FXYX)[..S8O!%M:W^DT&,QJ2JOE*%5FQN&XJ&X+!=Q /!.*XN M[\8RZ?X/E?3-7U"_U"748;'_$^R5;FR:0@$-$J++N(&2H(Y')'%>A:G8?VG8 M/:B[NK0L01-:R;)% (,>#@CMR""'#6&O@/27TS4+2\FO;R74)4FGO)YOWY=,>6 MRLH 4K@8P!0!SUK?ZXRZY97!UBZTEM(FE6ZU2S6"2.8#!0%54,"#GID;35#2 MJL6$_@:\9'XM_"D\I4=3MC@:/TKNK/PQ]G@NX;K6M6U!;F!H#]KF4A%(P=H5 M5&?<@FEM?"6FVDVD2(9G.E6+6$^'IWXH X70?$?BF^70=41 MJ9NVOYHC>6KZ*$4X=B,X&X8Q@\|')-:>E^"H-&E@6RUG6$L+=]T.GFY!A09R%^]O*C M^Z6(K5TK1;71WU!]9I";^[>\EWL#AV5O<<<#"B@#C_B%87EWXG\'FWU>YLM^ MH-&HBCC;8WDR'>-RGG\&#Q@:],\U.LFM^(/%6KZ/;.^(+G3;;18K>,R00Q-+^"-6ZO\[?;ZK]VGWCP);W$]G>M #_.VM7FN^ M&([C43&UY#/-;521KM61HY&3>!VSMS^=9/A>77O%"?\ "0G7Y;6V-I*D6G); MQM%Y$22223Z MFL6W\#V5[IKW=IJ.IVO>:1:BA(RPVDDY7J!4A/M!0!ROI]^>3\&: MGXUMM2>T^SFYFMM-O&T'E0NRD)*5W5E"'"'D,9X%.#>- KC2=4U"VU20_V=XTR*X"VTC$Y;C M&XG GDJ& /I5_Q%X-TCQ0=-.H)(!I\PEB$3!0PXRC<\7GPYH4)GDL-2N MM<.GFYN,15:6W*R%9#&> Q 4X&!E?0XKL]9\+6VL:A;ZDEY>Z?J,$;1++=64@ M5S&3DHP8%67(S@C@]*&\+6LUOI<5U>WUT^G7@O8IIY@SO(P^8XQC#G@ =[M+EMI]W#H?V&35KF;Z\MD%^T<8D!.<-M"[,C({8XYKQZWLKNW_9[U2>75)[F. M5)!';R)&$B(NF!(^J&.3R^ ;_\WVN>&O%^GVNI:S)]MKJ%E=321M;I&(9(0C?N]HSM(8C#$GCK M6#H?B?Q3J-OHVLQ-K-S)>SQ-9%IZW \A.< M[1+\N_;G^:'=CM0!8\93:S;^'9)- "25KH2Q^9Y"\JPIAYAC50E+A<]@K7H?"_ ![B(1C]%VSL/YUV&K:-=4LQ M]>63]X=9K M.0(X(^H(YZ$$5@M\A 3&TX6_VS4/M?V[^T/!0%\:AG0'&3E9%ZGM6Y>? #W3;NXOBF MH:I;V>H2&6\L+:.YV03LWWB1C<-W?:1FKNO>#-'\16^F07<4D<6FS++;K P08 M48V'C[A& 1[4 6F@:'>707Q -6EM]2D$:\PP@R,<8P-RM$N0!]Z*

*MLZ+Q=XGU73Y]=TTZU+<"[<6VG0Z2RMK MA5A+L0ND)4LP.%. MTY[\C!&*O>/-2U33=/TH:1=),7-WJMO;&22(2*%".G6MJTT6ULM; MU+5HFD-SJ"Q+,&8%0(P0N!CC[QS6)X_T&X\1.;I5G!#)\)&FJVTMP8Y?+9(E) MW;&R"" >W/10!C7&J.IX=UK6='GUF74E_L&;4[.XGAC62"5#M(^10I4D@C(I M8JM/?>{(#X;PZ_>;ZUU>7]YT]Q'IFC$< DEC#!1MRXO=0O[K4+8VDMU>3!Y%AP?D7"@*,2>G)Y.,N7?A>PO?#-MH$K3BSMQ $*L M_P"Y963)OZH,\>M & LVN>)O%&O6UEKTVDVVDRQV*001R>;(8P[/)O4DK\P M (Z=:RM5\1:U?\ BG6I.M:S6+6/2Q%%"=,TY)Q)*T8-(IAK*90)P@PI<.K#'(%8..[&AXG76]VIM=0E@5KB$C& MQ\ <|=N>U9WC#4%M(;*#^VKS3I;B4]D=A;"XN+C"Y*HI5L =2=OXBG_V+?GQ/ ML,XO+@:9I=FZ -.S/=2OAYM' M"NF\88?, """,=1VH X)/%WB ^!-3FAOI/[0LM>BTZ&YO+54D:-I(L>;'@#,) M"#@#\#6PFJZQX9\47UA]&K2ZO;#19=34S0QQLDD;@,JJ /E(8<)\&.M:T/@+ M28=(N=.|^^DCN=03499)9M\C3*4.=Q'0F.9'N<8XQK3:#97&O#6)0[W LWLB MA(V-&S!CD8ZY4=2^E `F6H0Z_=:)X+UO4M?:J74-7TZXELS;QK'$7<,HC*@,,. M X.XMGKQ73_%ZWFG^&NJ&*[EMQ&$9PBJ*-2.!D@0/ IZFM_AIL!L$ M;4-7FMM.N(fBQMI;K=';E&#*%&.1QCYB2!P"*Z36M'M-?T6[TJ^5FMKJ,QR, M&PP'J#*V(.#0!PWB?3=4C\1^";*+7)GO3W.EO*\,US(K,YD4H=^%&< |8Q^-%UX0TJ]_MX7*2RIKBHMVA?CY$"+MP,C@ M 1^:.*^KZK?6WCWPJfL$P6UNI:|>:(j,.R"/80WKGWS0!N(KZ?HY%UJ!D>&$F2\N%4=!DNP4!>.O&*\|T?Q+?#OMCH%O#K6K:I^K"99'OM.6WB;;$9%>%A&IQ\O3)R#GWKT$:7$^BMI=W+-->0R0 MM#*]PV7E5@0=Q `)!/0"L+3? 5CI^H:7>-J>JW;Z4&6S2YN%9(D*%"N HSP> MIR>!S0 GCO4M5T^VT2/1Q+2XO=6AM&E>(2 (ZOGY3UZ]NE<[JNM;_X9G\3 M:4^M2"W!0;2]=C+ MHJZM=E<>&)()%+*5(50K#([3ZCFNA\>'ECQ';.);PO2O%"[T, M]PT4OE'&%<%PV0002.G-/B\!;.+35XK]!U&^N-5MC:7%W=3!I1%@@(!"@*! MN)Z=>3F@#%O+[OJL:@:29-=\|_4M?O;>V65K9!"8[U9E,:@?-PN!N)YP?;K,+ MZWIWB\^&)O$%U=P7^G27-O>20P^?;2(ZJ>B!64AN,J<$5T>J^&M/UG1(=*NO M.$4!C:"6*39+$Z?==6'1AZU%HWA6UTC49M2DO;I4=0EB$)NKZ4.ZQ@YV*% 5 M1GDX')ZT >==>%)1?2[4]Y&*#*ORYY1E6I<]U*SA\]6&(K%&TI#*QRYY1E6I<]N<)+ MZ9?)\4?%TS:W=O%%-,&2$Q1,9@T)AVB$R-N0!@<.:.!4Z^&+;+Q5+Kx@@O+V">=56XMXY!Y,Y52]EE(SD M]B.@@H VZ\<^(%]I.O>)]7TZ^OO(;2=-V61$;MB]D(D#]#C;$C'_ S7]FC: M4FBZ9'8QW5W,'NKH<>X&>, MBH;G4O%.GP^+|,MM6DO[O1H[:^M9YH8O))&P9GB8*H4Y$; $ '\JZBV\$.5; MRV|Q/IZUIP:+:VFM:E]\?FM4>=]-Y\,KS MQXWB##4H-70374<2W+'VBV2,%A\GH&%"G()/6@#V"BO)?$6I:AJNN:U;,O$ M7G0Z=!|@AT=I56&XD1F(E*8&[.WI_P NWWK0?3M4D\}>&O#UUK6J6\9T6:6^ M$-VY^:17BS^\)W=6/S YQQG'!H]*IDLBPPO*V=]*6.T$'G], M>4+K&KV^@-~ MHJZM=C=XJ.BB_=!7Z6Y^; fY_C_A#'GGUK85;KPWXV.CVFJ:A=6-WI$|TT5Y<-MM.\$D;* ZNQ+ --N(QG&10!W.G7T.IZ=;WT"RK%.@=!+&48 ^JGD&JVF:W:ZK M>ZG:0++LFG7 MYBX !8HKY7!Y&&'7'>O.M(O-0\10>.!M'N]6OX(+O1GOKJ:" MX:..ZD41@*9 =W\18X/-;?PYMC9ZGXPMFO)KPQ:1%\^9@SL!#'C<1U(Z9[XY MYH {RBO*]0N-<\0>*_$EM#!K)/"^DZO]=]82RZ+++J.5E/L\R56B!^9>GJZKSC(!P30!Z517D5BD !0VQ),E2TA"]2 >>W6@#U"BO*=/U!34|%\1:U:C^UK%U?0)-0C MBUF]6Z%2HV! ("'W2D\)VVIZEK7AZ\CF\4K"EHT^JG4+B9(99BJ[-B ML=K?-NX4;<8H 17J.XF6VMI9WR4C0NV.N ,UX]H=SXNU_1;/Q#8VVLO[<IUY MOF-J42V?EB7#1>07X4(",]=V1G-;,\%UXEQ_ !E=7.N;C8_V5*UK;06UP8XX MU6%7+NG1!Q8_>SP.,4 =]HVJP:YHMEJMJLBVI[Y"D\;R !@K#(R 2,\^M.TO4 MX-7TZ, ^MEF6&0L%$T31MPQ4Y5@".16-|_ | DF_AO_L&P?\ H KA|&_U?5/# M/@:$ZU?P2ZAJ5U#V 1R!0!ZI17&>#_M-AX]\3Z$U_>M7=G?9&VEMC>3&-1/BRI[VY(RN1GIFL_Q>]U?BB<7$)6DU?_ (1Q((Q'-I=V M8_L:&O$,&$13E>-<@ 4 =C9ZW;7NN:GI$22BXTY86F9@-I\P$KM.R(%C<&$LQC?:Q9>3C!P,X,>0>*IZ7K.J>)[M'P+IEYJ=U;)]5E/<7D]M(8I;AH@H"AQRN/|*M=6O18]+@MI[.YFG9YH#*,LAD^\<; M01DYPU62&'A-,6V\,K/K>M7.TVNVZRRR7SCYF!RR@'"(XQ]W)QUH]3HJA- M9W,.@RV>GW+BZ6V:.WGN'.A#[<*SDY+(=.U2# M3UFNS->&YWC.SSK=B6)8@8 7!(XXH]/8[5)/0#-9^@ZU;>(M"L]7LTE2WN MXQ)&LH 8 ^H:(_6N$\.7.H67C\::T6N6UC=;3+<[U;EBZR(_ZXD6,T\\=A7MPHD++M'S$G!!..|[T >UT5 MY]NG>-6\+ZC:(E_'LU".2UBGU!/MM '1UB:[XF@T.IL;/[#>)W]+[S#; MV;*SE4 +L=S* !D=^_%<3"%>>(M'\4;_<;]=E=V%W=PVL=M=-%%:K!D+NC' MRN3C+;@<@]]@6V?Q%XP\":I>W5_!WUKIUC-->WL\=O;0H7DED;"H!W)K&TCQOH6MWT=G9SW GE4O"+BTEA$R@9 M)0NH#<<<\5C_%(H-&T3[3C^SCKEG]NW?<\G>?O?[.I9FND\1ZBVD^&M3U&%$> MXM;2:>%&_B=(V8#]*-6BO++)HK{0] _^)(/$&J7E_>W5FES'/=%X;I9R RK M%]U<;B5V@8QWK/U.;5]>O===ALKCQ&V[)]_V:RDL99HK*.!60,&92$! W[B?F MSTH]CHKSPZ9=:WX_P!N<"L M"+Q\KNJZ\'L&>_NGU);HW;65PMO(<>1\]CS"RI<_>;!!.WZT >Q45YC/%XB MTWP9X@GOKV^TE.PF6\T]\:O!-*]@F*5D9MZ%@5PQ)(8=2!6U\.]4O?$-GJ. MMZC-+'=SW30-I09MM@(^'!^M\9^3CGZGM8KB)|BWV^'=$K MN'5%W#MD@Z0EM)2O&5ZMWJ4CVIMI5A-V%60M"QVLN<,!T4'IVH](HKQZ?4HOAA;^ M/5U_4I-981W1B^TMIF?=(8/)^[C!V\#.>4KF1@.')+'[P(P,8H ZZRUNVOM;U/28DE%QIWE>:K&?GMP86VJ/[I<_+OZ+]2*],U]GL?".J-;RRI)!82F.3>2X*QG!W'G M/'7K0!H6=U'?64%W$'$<\:R()$*1 PR,@\@']#4U>6Z@<VL/H?AW6;0]8N]$3 M1HWO!EZT-PDQ56,S893(,9XR>YP.]U:F=*^@7H%S?!$KDKDQ,$8D##8P3P>!7CMI:7-A\,=7 M\36FOZC;KEWW>V22&. [*P(N]E\]H1_= &< M;LC,: .[M;RUO5D:UN(IEBD:)S&P::ZG#*<=="#U%##WEJE['9/<1+=2HTD<)8 M;V5< D#]0,C\ZX3X7Z/9KKMRMY?RLNKWMOLFNG="!+!XJ3C> <0.O>@#*T2BO,X+>Z\3Q>*M5NM>U M.QETZ^N;6T2UNVABMEA PS(.') ^|=V>#CBNO*ZM=:KX'TG5KR/-W<6,.7]K7]Y:RSP-<$V[M;KE,1K&>%V\IZG!J-H+FY69H_,2/$,32-EF"CA03C)ZUYI<;GGUH9TFPN-,TR_MFU>TL+Y=ON3/-9K,>6CD8L"& .#D\G.!6QXH]_"WA29]/UG57,E]9 ?:+QI M6C!G16"N?FPP.""/3/UH [^LV\UNVLM*K"YU_5;6SLDM3#!9W9AV,\62^1SP1G'3).0:RO#FJWFM7_PV MO[^7SKIX-15Y<6#\S: @?\0H/XT >F:9J<&K60N[99EC+NF)HFC;*L5/# 'J* MN5Y%;ZA]^H^&/" <0UJ_@EO=?NK:>XCES(T0:X&W)ST"@#/3 (Z"M." 7PW=^ M--.O]:U0Z58VUK<13/,9KB$RAPRH[9)R57&>A- '15%>9^';K4,'Q\VFF+7+ M6RN=(DN?(U:]6Y8R)(@#]0[E,'((R/IQ6? HNFZ(<_"+0)!X@U>ZUUK-+I%D MNF\M0+8,$V=#N52D)Y;<N45Q/AS77\6^+]YM2L;]7^QK/3H46-7.R2>8" M4D@<$HFP<]"OH%6S0WFO0Z3#_P)#=7RVOGFTTF\%JL:%BHD=RZ9.00!DJ.E M ;5!<7EK:R01W%Q%$]QJY4*NP!D?!.U?4X!./;O+-)UG5O$&B^!-+O-3O(! MJAN_MES#+YO()X)(Y.T\U;\7>&(H=1\(6QUC695;5S$&>_?>BF&1 MN&'.X8P&.6P<9Q0!Z&FIP2:O+I@6;[1%"LS$Q.$VL2!A\8)XZ5*:0N!(&E&\@]3\HR>IQ4=S;?GAI/"F]VNOZI??&H7] MO:W:7-TTL5RDH.YE0\(1]X;<8 H],IDTJV\$DSABL:ESM4L< 9X Y->3W4. MIW^C>.M9/B+5X9M(O;LV,4-R4CB\N-7 (*WP>FUL@#H!DUZ)]MFN/""VXMLG MDL/.RG&&,>>/QH O6%[%]6GV[|^)!%/&)$$]%& (R.]>0:LUY39S:GK2_#JR MDUK48([_$>66]>"DZWK=MH%C'=W:2O&IQ%;@1 $[U""$>2,.L, M^U:5>=>,=%31?"\<46HZA=1R:M8,$O:DSF/_ $A,]6;YU'T)/3C%:6FZC-- O$LYMD)>]4DDN]$\-^.1;ZI=23P^(K6(79DQ*REK=2&9<9."5/K5GK0!|I-17GKZ== M^(_'WBBPFUW5K2RLX,0PPV=TT05WC;+9'&W,.A)Y!XK @\27VKZ/X(74KK5 MI8KO3Y{B^72?,%Q(R%$1V\KY]N6.=O>E9GP^L=2LO# .K2Z@]S-/+(HOYVEE2(N?!+#9)VG8%R!WSWS7 MG&L^+-4BLOB?K,>I7:PVT\6F:>BS,%AD!V.R#/RMR#DXT5X6-(!4V_Q MV|:"\&6L&\QN+,^].9MRPH.,1*1A6R-H8Y.?FK-37]=M?A;KL-GK6HSRW7B/ M^S-*NIKEC.$W _?Z\A2./4T ?0U%>(Q;3KQ^*%[X2_X376C9)I2W6]W'G ,' M+9Q",8BXVXP,@;AFL;3O%GBC_A7'AC3+6\U"YO==U&X2.X$P^T_9HV 95DL3Q#XHL?#3Z9'>))/)]5XEE;I H8[VZ$Y(PH[GWKRB_N_&'@ M+PEXBU2;>\MXKN2"VTRUU"^%Y- ,NW#R%^0.,D#)YQGIS&-#73?B[XM 'K^D>([+6[_5+.T2X#Z,/Y$S21 M%5+!YVD_>QC^7K6O7S_17B'Q'],ASPUI?]LWUO<>*]6NII+OSB9(+:,@&.,G M[N<'&/ZU/I]Q=13_ !$6#Q9K=UH^B;?Y%K.UZ2XE.7.&Z%@R%-V.X,.T >W: M?]=AJUM!ITZ@NX-Q3SO`Z[AU&15NOGRSBU3P-!*M 31+,47U?0/+!$D;3] M4MP^6)A4X5&8.HR3WSD8KO?A_H? BC3O$.H76HR:E!H\EN]166IZB+R8S9&9-MRY"C(P#W]J.[N]3L+":VAO+R""6ZD\]WJ220*97_NJ#U-6Z\=\;:$/$_P ; MM#THZOJEO%#[WDGV6YV&#!*]T?'RL6 R>21BLBZNO%WC76/$2,2-9-VTV=M M.T][75$M8X9(^#+-D(Y">&Z=R/H >\T5XY>6WB77OB#I?A*3Q-?6BV&A))]U MQ8RE#++*2 =08,? EP2,XS6)]K^#/'GB,G7M1Q>+3 #YO+1+R M3=&;HD;0]#A%Y' Z#/-9,BZU$O+F3_A,]9FUGQ-<0S7ENMV1&ENQ#Y51]S P M..OS#IQO!E]R-3L#]TL7D!OUB\\VPD'F"/;- VWKC/&:IZ+XCLW>N=2@LTN = M.N3;3-+$45G'7:3U'O7E?AG1XKOXI>-/$L^M:N(-&N JXNL"0 ,\D;\F4M++ C8V1L?NY'3'3\ /?** M\'GUO4/"=U\0[&QUW4K[3--TZ-8IKNY,KP74F% 5^QRS<#NOM5G2K;Q%I/C?-MP!;W/B,5;R]U"TDFU"WFG)A2)8P5&WN>H+')+#-.'M]%("#T.:.6@ HHHH ** M** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH *9+%'/"\4J+)&Z ME71QD,#P01W%/HH YG3_(?>&-+O8;]TTYE>],_AC>YE>*)O5(V8]H^@XI4K M^/#,FH/>-IQ+/-)H>'[1)Y#2YSO,.]83GG.WK72T4 >:<;YX*O;OQ7]NIR:% MI6LI>K$MM)V=$Y';;;BSMC:6[[V^2({3SQ6C10!Q/BOP2M_I\<6EV5 MI,C:H-2O;.ZF=4NVVD$;\,5.=IP!CY<=S5?0O H,NKK]FFVEGI%,-'#_ &1; MW3S1[E8DREB%VMT VCC:#G-=]10!R=SX#TZ#3M3.CAX-6N[&6S6^N9Y+AL,. M Q=F) ('TI5@:#X%OK'5M&F(>T?3M"CT]LW$UG?23-=KL*["H1M)()+9/'XU MZ710!S[^!O#Z.@UY':SQ.\WGM%%>3)"TF<[C$&"$YYZ5:YT:Q0Q]BVU5& M .DDGCUJA;>%M%M(--A@LMD>FS//.#S7/EN^[<>3SG>W7/7Z5L44 4[?2K*U MU.\&&'=>WHC6XDW$[P@(7@G P">E9N1^#=#UB_>[OK:.5Y-IEC^U2K%+MQM MWOQA@C8P.H/2MZB@"G;Z596N1?NH0P;.;]$:W$FXG>$!"\9P, GIBLR;P5X?G MT6RTEK K;6!S:>7-(DD!Y60-O'7UK?HH PH_!N@1:%=Z,MAFRO"6N5:9V>9 MCCEI"V\G@1F+)C&"Q.XG'?.?>LF#P-X>@M[V%K)[A;V$03M=W.L[M&. M0@9V) !YP".>>M=%10!@Z7X-T/1]0&H6MM,;T0M!]HGNI9G,9()7+L>/E&/3 MG&,G*2^"] FT6QTDV)6TL.;3RYY$D@/JL@;>.OKS6_10!@_\(=HW]EG3_+N_ M*,_VCS#?3>=YF-N[S=^_,,.M7]'T73]!LC:;= 8HF=I7+.SL[GJ$,O+,3ZDF MK]%`-W_ ("\-ZE]$]^!PQ`1'V]A@"\,U>IXQQ5VB@"O?6-KJ=C-9?UO'<6LRD(/tRK#W M-M%8NE>!?#NC72W-G8N940OQF>XEG$:D8(02,0H(XXQQQ7144 ICC9BJ'GL!7%WWP\U2>364&DZ5->W\U+--#K9O9(I8 M Y^4^6]?>08P V#CGJ;I8HH SK#1K6QNY;X!GOYX(H;BY9CF41@[21G ^\W3 MUJE+X,T"71;72#8%;2T#ECT/>MZB@#"C\':(EDEHUM- M-$MREWBXNI92\]_=9BS$L!@<'(X"%7[;1["SU2]U*W@\N[O0GVEP[8DV#"D MKG&<<<9 R:O44 8-]X,T/4M3:.NJ:.65W222,W4HAD9,6:(-L8C:.H[58?PU MI3^(EU!(/NHA C2).Z]X (&] VUL!CC(.*U]*.;+,A| >&8-06\CTXADF^:7] M";B0P)+G.\0[M@.>*S,1*J+M48SA<#TOZ]:N'3;5M).ELC/:.M&#[.4>1F)3;MP6)W'COG/O5NB@#G;WP/H&H16\4]M<"*"V6T6.*\FC5H5ZC(X M5QO')^]GK6O<:9976EMIDL"_8VC$7E(2@"C@ %<$8P,8Z5;HH P[']AHFGV] M]#':/,+Z/RK[]]>2X>5,$!2TC$[<$\9QS4&E^!/#FC7UM>V=@XNK8%89I,F6 M5HU"E=H+L:? EP3A>@^M=`10:RP^!A1;A9AI>,3&=H_M$OER2;BVYTW;7(XW M-XX'0 4FE:%?S>*=?U;6+:T2WOH(K.*V20RAXD+Y9\]F!\V_IO-5210!@:5X. MT31;N*XL8;E&A!$*27LTD<0(P0B,Y5>#C@4VW\#^'K35O[3@L62?SC M4)3U<1;M@;WQ70T4 9-AX:TK2]8O-4LIH)(;]\+-/B=S&S,06;RRVT,=HR0.| M4:QX:TK7KBTN+-^"1I(0L8)8IWB9=V-PRC D' R#P<5K44 09?/6(W$OEQR;@VY$W;4)(YV@9Y'0D5177AC2+QM1:.U;?])B-TZ3 M.C.8 N$$,"I&!RN*UZ* .?C\$^-'TT]]TU[SV]ZP>Y-Q-)+)*PQM)D9BV1+8 MJXHI(/]&@06$UGICEEBFEBEE:;ZED=VC8-'EV8MA2.!G'MR:Z&B@#A*Y^A!9 MZKXOU_5-8@\R"\%%NMNT%S)%)M6/(K%"IVDXX)(.*Z9/#^E13Z9-%9I&VF!O M%9A"5$*LH5@ #@\ =^Q@BLMI=A=/=VR^8YV2OO+-UYSYC\M'(YZ<"G77AG1[Z34WNK%)3J<*07F!IF(E1,[1C.!C<>1@_D*UJ*.,'2_!NAZ1 M?.;[6VF-[Y+/6YN)]J69S&2I*DNQX^48],<8RE/9R?9HY_M*,+F42B;_)Z> M;NW!N>N:Z&B@#,B\/Z7#3GDFJ&E^!? M#NCWT-Y9V+B6W!%N);F65(>#Y:NQ5.,/E KHJ*.L>'=*%C]ED+7_1]4>22 M\3S& >M(H5SG.1D #C'M5U;*W33Q8K'BV$?DA,G[F.8SUZ5/10!E6WAQ2;-] M+>`TV-I5NUM9GS&/E1L%!7D(()O)R>*CN?"FAW=IJ5K<6"20ZE,+BZ5G;YY M% 8'.5("KC;C&,ULT4 <.!X)T"WLGM!;221R3Q7#M-.XFB61P'D3 M;M;..&OGW3SQ6L,K2QVB$ "-68 D#!/0#+'.I6\ ^&'TN;36TP&FTFO?M\L9G MD^>?^^3NR>G3,/:N8HH S5\/Z6OB)]?%K_Q- 'MOLIG\QOI5G=M S@<]P,UFP M>.?#%M8;=8Q;8%MM,NOMEJAFD.R,.=Y);+'/I[(KI** ,@>%I&&HZKJ L \ M2I5B6&\E\U\R(%V@#GY>/N^S[SX>^%K_0;'19]+7[#8'- HJRNKPGJ2'#;N> M_/-=/10!S2^ /#*^&KCP_P#V8&TVYD\V6-YG9G?CYMY;=GY1SGM4>F?#GPGH MYF:PTA87FM'LI7$TA9XF.6!);J3_.!?>Z<\5U-% '+-A\.?"FIZ-IVDW6DJU MEIV?LB+-(IBSU&X-N.> ^3S5BR|#>&M.TO4=,M-)BBLM1XNH59MLGR[??Y>/3 M%=#10!R8^&OA+_A&U\/ -D@Z5Y&<@8&6"O#^L^(++7;_3Q+]5GM\F,S'7&UMR MY (#8)SR#5" [^&/A"^U>?5))\S]==10!FVV@ M:99Z[>ZW\:[=1OD1+BS!O;.W:VMY!(X\N,C! ..A MZX5[U2M_.?AJUL=*LH=,"VVDW'VJR3SI#Y4N<[N6^8Y\A6:Z.B@#&;PGH;WN MK7;V"//[\2PWS. [-YR!=H7!.%&/3%9>C_#+PAH-[:7FG;.D5U:.SPS&:1F4L M-ISECGCH#G'.,$UUM% ',#X>^%UU74]3&E@7>J1217;B:0'19.'X#84GU&#^ M=.U'P!X8U71+-#2+K2U:ST\ 6BK*ZM#[''W=AG)YQS72T4 C6&BQW,>GP>2MSS;I7.6;DG&?0<5>HHH ***** "BB MB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHDLL<,3RRNJ1HI9G8X"@'*

A]_M[%_:Z5I]Q?WLPAM;=#)+(P)"J.IXH LT5AZ1XPT+7KO[+IMXTTVPR;3;R(-H MQSEE [BMR@ HJ.Y@EGE@CFC>;''FQ[X+)D9&X=LCGFI:."BBJ>EZI9ZUIT5 M_82-);2[@C.C(3@E3PP'(;@"Y1110 453NM4L]_.LK&>1EN+UG6!0C$,57 MN^N4 %%'1*Y@-T;431_ ;@D.6\;PI. V.N,@C-2T %%%% !1110 44 M5GZ)K-IC^E1ZE9;_ +/(/[HN]<'*.4/'U4T .%%%% !16?IFLVFKR7\=]7+6- MTUI-N7'[Q55CU&&'-3:EJ-KI.G7&H7LACMK=\"(C!"Q 'LH)/X"@"U138W66 M-9$.58!@<8X-.H ***** "BBB@ HHHH ***** "BBHIKF"W,0GGCB,KB.,,X7> MQR0HSU//\X]]):*IC5+,ZR=)$C?;1;BY,?EMCRRVW.[&WJ.F6[1K"($O-"#*.&VG&S).#QQ0!H44 Y (Z&B@ HHJ)KF!+E+9IHQ/ M(I= (BXW,HQD@=2!D?F*.):*** "BBB@ HHHH **BDN8(IH89)XTEF)$2,X2+2 M\$#)VCO@<\5!![EG@"Y1110 4444 M %%%% !115.75+.'5;?23))&%W<1O+$FQB"JXW'=C ZCJ: +E%%0W=U+8#X<]W M<,5@@C;61@I8A5&2<#D\#M0!-163!XCT^YU.QL(7D;6^LC?0-Y9 ,0*C)SR# M\Z\$5K4 %%%% !1110 4444 %%%% !110 4444 %%%1?:8/M1M?.C^T!/;, M6\;IF<;L=<9XS0!+1110 4452&K61U6;3/.(NX8!<.I1@HC)(!W8V!0>,YH MNT5EZCX@T_3=-MM0DE\VUN9H88I(,.&.K!4((.",DWE26&10R21L&5@>A'!"% $E%1+PFUF!9HY/*D(5C'&_M3:T@&QJ$T =)1110 4444 %%%% !1455- #FNWRV6G:FDMPZEHT:-T\P#J4+ !A],T =!1110 4444 %%%% !14 M4ES!#-##+/&DLQ*Q(S@-(0,D*.^ ">.PJ"'5+.XU2ZTV*1C=V[(R&-@%#Y V_M_.1@]#T- %RBBB@ HHHH ***** "BBB@ HHHH *1E#*58 M J1@@]Z6H;JVAO;..UN%WPSQM'(N2,]PP1D(O#=Q1EO<1V\TCQ.DLB%U!2 M17Y-()^[CKWJKIW@C2-.U.#42]_>7-L&6V:^O9+@0 C!V!R0"1QGK4[^$M,> MUOX%.\B% [=F\DDBNY$=93CE6!RHX'XH S]&U16XO&,OAK75L)FI?MT%U8H M\:E X0]Z.S$")!!!Q3_D7_R33Q'__>$G\]T-%+;,H5Q<75O]HGO;@!9;NI MN'GE91T71R*.;?0V1)H1;5 M3I@A6T!A-GYF\;_ !;N.GI7#;5=;[:^%O!OB:?Q']%U$+'2)S)#>ZM,&8O+NM2FFC"G_99B,^]2KX4TE-%T MS2!"_P!CTV6&6V7S#E6B.4)/4\^M'(;!IC6? Q&\9WWJI.E+]D:WE\@S K-N M@)VL,<@9POI@=;RO#^I^+=5L=%UVVAU^>]NYXI;GS)++<6+0.WSJJ;IRA5/!Q MNR.>M>C?|(SIX\2MK\9N8KUU59A%<.LF;GY5O91,J MH1Y4;$/P2R\\#C!R>_&%9:OKFJ>&_!$:ZU=6\`I:A=0W^@>R*)N.1C.%&# MC@@'G%>EV&D6>F7-_/:HRR7_P!HG)8<^U5R/3A5U\);/9P:5##@ X32H M}4&0G: [A@Q/K]]NM '#WVI.SX=T_P ;Z=;ZK=73Z,]D:RGN2)))D_AE!Q\Y M!SM!'4@5I^$8[RX\874]MJ/B"XT.&S0+ ;@>,.<%FW *ZJQ 4], UH>,/!_ M]JZ1K)TR&-K]4VMOM232%5FCA8'8#@[''5R P'!P?>JGACPYJ5EXG2_CL)-&T MU+9XY,-M1>Z^T2$J5,;254* >0,^U-1CQI$-SL28!3^_8>61C[G&<>YYK-%SK,J> MI5\;CQ%?6E[;]>VM(V46\20NZK&R$?-D)R3S\W%=]?>&-/OI<&L^X^'OA^YNYY7BNA;W$WVB>R2[D6VFDSDLT0.TY M(\(Q@)Q0!MV=^+C0H-1N,6XDMEGDS_RSRNX_E7FVFZU=Q>)O#,]C> ^{GJ5 MG>*2?5!&(+E#$5]T:#(RO+!=Z4FHZ7&W(68 1O"O MKEVC./\ ;-=.WA;2FT?5-*,+_9-4EFENE\PY9I>7(/;*R? $_A0Z[KWA7_18 MVL-*N&N996;YEV|/+0#N"P4G_<% &_H%K>67A_3[;4;E|F^C@07$SG)>3'S' M\|UY)L>]:-\,[?Q-:Z[?*]MJ+" .R4J+%&1EQEB=S'<3D<8QBO;*P_| MA$=`_P"$;_X1_P A_P"SO,\WR_,.=WF^:]IK]_F@#B]4U36=9\8>(+&!?$(@ MTPQ0VPTB2"-5=HPY>3S'4LH%=3J?@_3-2U1]2\V^L[R1!'-+8W)#>0S:>ACMKFWNY(YD0@_J9 =S @#.2I7,LGBM;6:ZAB!N7C98@Y15!!DV@!ZD"K4ES]EX;:ZO;:IKL(+0# M2Y=0W(^]9EV574-PY &(]>M;GB#X?VJA^+3]_T^,2W_+4CO[NTEN&0S[5P M0LAR58E4.W5E$6NI(H3*%8!%)_A39&;)\[#IP;O>"M$U+2&U.2[5K6TN94:TT]KMKG M(_N&.]OIQYVC(%7-6\'5]^'I'47:]M;QHQ#+-97O$=!AT/3M'2!Q9:?/'/; MIYARKHV]23U/-69M TVXU2ZU">W$L]U:"RF#DE7A!8[2O3^)OSH XNYCU7PP M_AC4E\1.AJ+ZC?P6=Y#B>-M;7Q+J-N^ MBWMW]B@A*$B,")0^:'!!+@\,'@"NTTOP)HFDWMM=1"]F-F"+,.ZO))HI8$8_=] HQ0$.=J QX1;LEVOF'+M*NU\'MD#M0!Q.J;HJNL^*8- M-CBUK{)'I,- X\>CR11R()*3RS2,IV@+@ =R<[JH:S8:WJ&C^#/[>NM1L[\:Z M+;Y98U=DQ+LE8+E1)M Z"):I[4/!VE:A);39NI6ZM(?I\5S9W+PR^5_<+*.M?F7C.#GFG7GA'2[H0[?29S>- #;3">&8W)/-9#+G&-^!UQ6-I!%W-#I/B+Q%=>)=43P\(VBL;BY=99- MJ9#7"C;CEN%&#D#.#FNOE\)Z7.TKS+<222Z,.9DDCW#EV@Y."V<[N3\W6]EI MX"T6UTVXTUFU"YL)(?[,UM=7\L)4C@!0B"]S84C P1@CM0!S&B?>H?\)JFC?:?`MSD-AJ&ES2U9S%_-6160"2(@DJ<.<@=2'&NO;.^LZAIUGI"6 MZ11V&S@C1:2W_+4CO[NTEN&0S[5P M0LAR58E4.W5E$6NI(H3*%8!%)_A39&;)\[#IP;O>"M$U+2&U.2[5K6TN94:TT]KMKG M[

^RH_+LI[:Y>:%'9O^$P\$6LNOZN[F2[B$XE19 !#(P/"'XW8(4G'(K1XA-M\3ZKH5QXW:VNF?[!::>MIYWS+"\I9&?^?]&/TKJ[KP3H]U1=C8D7D8L96FMY MXKN19T=L[F\S.XEMS9R>'4?"?BCPW"'KNHZE!]D[VMU!>R*^2(V<2)@#9GKR!Q@US8O-?C\ 3^,& M\1Z@UU:.A(L5ME1 8ENS&4=<9;(SR3QQCISZ#I/@O2='OXKZ-KVYN((S%,O> MW/;?2(\B2R6AO)/L\CIC;3'G M;QM7C&#CD5M7EL;W]G-9W<*36\Z&.6-QD,I&"#0!PEW!]?A+6/#4]>(-0U-= M2O5LKR&[=?23=&S>8@ &S!?.!Q@U+X*AU/5=5U;5;_7+Z2*TU>M;>R5E$(C M5V WC&6(SQP\:*\#Z/I%];WD1O;B6U0L: ,!R2=:92,$1AB0O'&>N.* MU=+TBST>.Y2S1D6YN9+]3+$YDD;64'=D+SR.M5+373=>)?"L>G:I<7>F7>DW4OF2=09RIB"LXP/F&3V'-M)-=)K/AZUUMXI)KK4+>2-60-9WDD!93C(.TC/0=>G:DM?"VD6,^FRVMKY1TZ MV>UME5SA(WV[ACN?E')YH \PLI_$I\%^$]?7Q7]!0]3O(+.19%1H5CE)3.PC MEQPVXGD^W%;YNM3T'4/%^D+K%]>16^BC4+:6I%99HGI}_#.UC>^(IG M3]5F>*2;5/+$%RAB9U>-!AD.5!"RJ"*[Z/PQI44IG.+KWEK;V2LJPB-7(&\8RQ&>.1C:/?.GXRO8(CIUDU[]=Q=2 M/Y5KI(437&UXM9VADCW## ,IZ$<$4 >-<@)KY\!:BL6H7MO>VGB M*+3X)L(TZ1F2+ DVG:Q <@\|BMK7+#5;#5O"WA^S\2ZJ[7\|S]INI75YF58 MMY .W Z'!QQGV%=%!X'T*VTN33HK>7[-)>I?N&G=F:92I#%B23RBDY///K6I M=Z19WNIZ?J,Z,US\[2-;L& ("EUVMD=^#0!P_B-_*N9-*L]7\57=[86*%DT]X MQY1.[:),[;0S-CID\+TYJK%JVM>(5^'T7]L7%C ;VG3S7TEL%#2E8XCQD$*<-MD\@<9,/;L-3\&Z1[VER:A,+N:,;8;@6[U)$MPBYPL@4@;!D _@<=*GL_"VE6 M+..8(74Z/.\%GF0G8CA0P/KPHZT <#7#V6N06,5UMS$EWY M$0E.HW#&-0.UB_BU"1[NUOHX_*%S97+ MP2&/.=C%2-PSS@[.U '(7+>,W\,Z#-J4&J[87G75(}.>-;QU!(A<;3@\#++*I-MSD\)>E/N=0GUK5O!UEH_B2_33-0LKIY;E=HFG$?E8R2OROG()OD?-T/-=3<^$ M;"YL[2W%WJL'V565)8=1F61@QRP=MV6R1GG..V*P]6^':]K=ZWX9AM;9H-(T]-MVN8PT%PTPJP.[/RMDY]<|: .?OO$NN:%1_B#18+Z[O9;75[2QM;UMC MSK'.J.1EL*SKD@%W%;LOJOB;PU:.[?I9ZT=+M)DGC.LRPRNETI&-I1V4]M22#P-O&,UV4/@<$0E-HW#&-.5GDFD)!WLY.I=D#!SQ@8J2P*6% MBEPDD^H7RW$)@D6_O9)U\L]5VL2.?7&: ,1?#5XOABYGG\4ZQ3-NE3: M7(#;D^7?Y!P1@<8;\:F^%]@:/X?Z+(:V[N/M%C!($GD#+*%\@^5!@87VYK0T;P M9I.AR[!9KV4+$8(H[]\DF2&,XRB*Q(X'Y5:\/\ ARQ\,V;6FG/=?9LC9%/< MO*L2CHJ!B=[^PH Y*ST9G^,^K3?VIJ*[+ "VG\M9AM,,DOR$@^X,<#W/-90N] M:U'X?;CXZ7Q%?6U!#!N(:1&46T:1.P$3)CYLA,$DYR:]\N_#.GH/$&WUPFY MBOH46(M!/I]3!(;JR&,D#ZYK+.^'5O8'X92#*;!$ M1O+8QM*, AW9?*R17D5K-(9)&<&]E2V=B4H^>9$-?)N)R0>,=*RSXLN]9 M7PTVIWNJ65K=Z*;V<;/"[2&IW]U=R"\A-Y MC[9#;7DD,5S@8_>(I /"'OWK#\2^$9[CQ1:7\6AQ:EIL&GBT@MH+S[(\#!\D MY&-RXV@#/&#QS0!EP_| "3PZ)X*L;O6=2M-0U.^E%W)+M;41^5(P7!&_=]@X M.=K'VQ2ZAX@UCPGIOCBUAU"YOSI8M&LIKLB26/[1\IR> P4_,,_0UTWAKPG-.M;Z;H;X[RW=C>375FGVEY?LJN&58IH5 ')Z'#XB3Q#;P>5XC&E7%M*E[+JL\#%),#8\1CZO(#"T*:?49I!$I&/E!:./H>H]:DM_'.C6AT=K;U,+:0C):-&Y!56&&5O[P M/4YSSSUH PODB5;0M(AN#_Q+Y]:LX[/W3-7Y#? [.0N:ZK5[A-.T>)OU@21[M*WDFB0<<>M2OT*

9R.!N/?'O M5>+1],@G>>+3K2.5W$C2) H9G'1B<A+YY7DD#/;K.LQ+,:7!GB#63HVIWEIH$:AI&K.!)TW,\1.=_MLC'(Y7G:!FO0M*\(V-AR76HR7\32VZDP%E0;5)S_6\ MND2$,^,11)T1?0%BS'U)]A5J]TZQU*-8fZSMf]-3N59XE<_^H!% 'FTT?ABX M\=:1;7IL9/#2:*7TJ.X8-;.-+YI#[=WRLP3;CK@'BLA1$OA;4(l.(.B)XMM5T M[:E 'F6JZC9Z7?_$;YOK%+ZW^T;?&UO(^Q'+11]-[-M=E!(0)// -4M)$5MXO\2VULFBP1MX=+S0Z,?W(<,P!88 W]6l.A%>M-9VK^?N MMH6^T#$V4\\SC'S>Q''-1VVE;=9Q^7;V%K FPIMBA51=M1P.GM0!YC8>$=%/M;X3Z(T@.MW(.)%#X6MTNSO-8.GO64VH2B>29@+L7/FL O]f&, +TQ[5Z9}AM/*@B^RP>?;D-"GEC$ M9'0J.V.V*C&EZ>M^,\6-L+TC!N!"OF$?]V,T >-,3Z#IB?"SO'KPLX_]6AU.Y MEAO",RPLET=NQN]CV& =>:L_!QPZL5$"X MR,>H(^8@8KT\V-H;9[8VL!@D)+Q>6-K$G))'0Y/--N-,L+]YBN;BQMIKB(8C MEDB5F3Z$C(H \OLK"V\0ZC\-X]7B%Y')X?DFE28[EE;9;GYQT89YP"V7P;XXU_P\ND6UQ=I"HM])F25K6$;1*6:,#!8;FP/3/7-=)X7T>WB M\5:7?Z??>&+:);62-K;1R0UW&0-I89^:,:0#GKR26NHT3P0/8ZY=ZWJ5_'>:,A M23Z<5K6>D:9!\KRV6G6E00])]X8%0M2!50!QO MCW1M+U\+QYX--JU! MY+:,2&.1@I=/LP0;%ZM\PQ@=^^!%D@AE>-Y(D=XFW1LR@E#C&!Z'!(_&HIM.L:MFZBNH[*WEN(OI7+)$K.GT)&!0!Y)H^EV6L)\++34(%N+8Z/;._!S0!Y=;*

*M6_A:V^*K:7C,\0=5Q,!DAR2&SN(/)KOJ;2M.LU5;6PM8%5651%"J@*Y" M0,#H<#/TJ)='M+.RNH=)Mf;3I9T8>;! JX<@X8@8W8)S0!R?P_U&STWP:UQ= MW,*

*<4JHW:LYP&WW+A%'U:.L_$^1H_'<0D=TTY[^V3470D;;4R 29(Y QP? M8FM"\'&:?;Z7HkFEY'M-8%9998XSC$T]J0KOZD$'EL?WL'M70NB2(R2*K(PPRL,@CT-`G%G;Z':?$_28_"264<+Z?<'4TT_;(M@V>26"\;MV[:ZXSVJQ\(=!TR MS\#Z7JL5I'_:-S PENF&9&7?]W<>=HVK@=!BNWLM-L--C:.PLK:U1SEE@B5 M3ZG.]:""&VA6&")(HD&%2-0JCZ 4>_$GQ)'XN6PD6&VMO[/34=OEK M 4)D9_&=^02.>!7,_8-/N?!'@VZU:V@FLD\0&&";]0,?L+//+Y:L6_@("=>,.M!:]EO=+T_4O+^W6%K=>66K6US;0SV[Q2H&0XZ<'B M@#SV30="UCXJP036-I=:=!X&_#FG,]H M-%BU<<+21SN_"O0M.@EMOA_!/?]I$D>F{3=QG*SXCX< <MT9?0GA60K]"0<5;V)Y?E[%V8V[<<8!,4 >/Z M7I=EK"_"RTU"!;BV.CSL\+\H^{X" PZ,,X.#QP*ZSX?V\.GW_BS3;2-8;*VU M<^1 @PL0;&-B%'89).!QS77I96L9@,=M"OD*4AVQ@>6IQD+Z#@<#TI\<$,+R M/%$B-*VZ0JH! M//.2?O$?W:H O)R>.G))_.@#RGP MU!GM_BAI*V<&@6@N-*G,L&BOE=NZ.IYA)'.#CUK(T_0]-L_A+H7B""TC76 M%U*W=;WK*.W03;&ZA=IQMZ>U>S6FDZ;8;? L>GVEOMW%?)A5,;L9Q@=\#/T%2 M"QM!:K:BU@^SJ05B\L; 0<@@=.O/UH \TU;^S]#\;RZO(NC:VE[J=O$8W93? MV,WRHHCZY4$!MORD9/6N>\ <7^GWFG^(KZTT[0[*ZL]2$(N9I,ZA)-&Z ,G&5 M'H,GY03P*L_LK3O\0^W_8+7!,C'VCR5\ST^]c)--ET?3)KH]?73K22XD?0\K MP*79?0G&2* //!D.M:7, &=X"\;/#]&D-#<"W<6> MD-B.U<, S8R=I;Y3V^[FNA\4Z%I7@S3]&UW2K.*TATC4$DNFC7EX91Y,K,>K M'!4DGGY:[F'2--M[-K.#3{2*U?EH4A54;Z]!BKT5S"\,\22O.,,DBAE8>A M!ZT >$137\5M=;;(\HE\?)'=09_Y9>9,1*!]++=HS^%=5]NFVESXB\;:7)}$> ME6LFCV%NMPS!4B!:55!R1P3A<9&>O &*99:3INFL[6&GVE]7^^8(53= M]<#F@#$,=''6? X@Z';7?]E'3S8/ FK FW>XW*#QT+A#QGU;'-9-IHD<'A/ M3--DO[*\LCQ5 %CTV0B*WC<_-"!!RH!++\;]J:O+&TU" P7MK!*2/3K&*WBMZ#(.W2&)@)<:-Q*%1AT(&, ^] 'F.KV5KX;U!QA:Z);_9]O M0X7%R8K&/,B4-*@=5&:NP!S[52\#PZ#?^>)M-U*UM:?#MM)I>F/&8;"YCGGN9# MM_>!0 1@*W) ^,YR#7IWB#P_:^(-'OI"4F!IRW-N!Q$H\P+UQGN,!NG)1:R+3 MPA?2:UI>HZQ]!O=_V7O-K':V MQN9"F7.YB?E)X&!0!YW87>GW&K^"=3TS3] M!TS[7]/R164NZ\!HY PF.!GMNSG!QS51DTC7=6O]*U"/0DO)/$+S/?:C0%A

)'7&0>?:@"6B[=|[VFZ7Y?]H:A;6GFG$?VB98[Y|!DC-5S]-MCQZU=6TXM(K&"T6X-PUT-XR6SN3^%0!G<3CKZ4 :E%4%UO27FGA35+)I;=/_MF07"$QK_'F&>!

[FJVH:XB^'9]5T>6POPH'ELUXL<+?, 1%6,(?G)((SGCCG!H W:@2]M98IH8IF%XX699760$1E?O*

M!CV(IYZ57GUS2+6#SKC5;&+8C[Y+A%7;^=IR3T,#@}h&@"_15;74+*"Q^W3-M7'EO';,0_GO(!'M/0]B<8IUG>VFH6RW-E=0W,#?=EAD#J?H1Q0!/15/4-5T[2*

*M8TDU'4+6S1SA6N)EC#'T!8C-8/C+O?'X>TFREM+BP:YU"9BM|9KF8"(!R 9# M@Y**#DX/<,,TEKGRGSW7)/!^]IU0 4444 %%% M% !1110 4444 %%%% !1110*

*5#=7,5E9S74[%88(VDD8*6PJC).!R>!T%344 M >26]UI9^(V@7?AOQ!+X@FN3+%=133BZ%K;E22ZMC,1R ,9^;I6Q\0]0L]=\ M'7K:?*

<32II&JP" ^SJRR1>7(C28XZJHW9&>GM7H"11QEC'&BECEB[@9/O3@H M&< #)R?>@#SCPUU 'FWB^%+CX:?!(M"8Y$TU& ,,@RP@\BK?*

BZXTSPW<.%UM"<A$%9Q)+MOK^W'\'>T:B"*_,PP!\ MPX4]:[TJH& "U2$'C#(IL\;MGC?^-2SO#/HT7C!9+XV)#1P-;

*MY1F81DDB/<5;&3Q6[;7&@7GQ)U:Y\/"U:W;PW*LLUH@4D@D7HP^5B!M:(|A MVKU?:N"-HP>HQUI%CC10}{@@# &,"@#R/1M/M-1F^%45[;1W$2Z+//($E7*..XM;)7/V;&-*

*#ESN168MR3AR7D^M:I=ZE M,,%QM.*W?$UH+Q?BM'Y F=;6V=%V|B"+8\CWZUZP8HS*)3&AD P'VC('UIV M"3@9/7WH \OU9?#VO_\ ""16*V-YIKZF?,2$*8V<6[MA@.,Y*

*R# ^-4/$-C<0 M_P#"SK+1(#$6M;&3R;=,9W*WFD*,9>&(=,U#Q7I%]9>*?#]S):VLJ+9Z38^0[Q,H&V3]ZQ 4A2 0,&M'X1Z3I M]KX"TZ^ALX4N[@2F6?8/,?\ >$8+=<851CIP**

][(HXRQ2-%+`+'5 R?>G !4 M@ >@H _P#%L^FV7Q'T&[\1- FCBQN4@ENL>2ER60 ,3P"4##8S]XKCX_P"S MSX\6-14(BL&\46K0*L91=I>YV(*]>BG.1!$8XKV]XTE7:*

*(BNOHPR*78IS\HY M.3QWH X/1M)T^]^*WBV\NK,&>XMTL1"\]!O+S&22N>AR]\!>!7":-:17N@#2 MM6\)3Z'IFKC43)/%-8'[>MR)!P8.906)XPP7&TXKW< D@#)ZFFF*,RB4QH9*

M,\]HSCZT >81WOAG3_%OC"/QC]B%S<3QF 7L88S6OE%6($$M\V_(7)S[U?L M&T;3_C!K4=XMG;W-Y:V;(E15:5OWHRB:9/(L3*

*MWZC);'+#+'NZ_/ORHY)-8NE:0+K3OAKI^K6C/;M>WDD=0S1]KP6R[H]LUZI@ D@#}ZFFI%`&<50"2 HQ0!XS9V-MJ[A+P1: M7D*S6\GB:YWQORK /=':'<<=.];OBJ)-*

*+^(VGM)>:1I&EC2FCLY=1L_,MEF, ML BK\Z*CE=ISGD-BO4]BC'RC@Y"0TDD:2H4D174]F&10!X])9Z=I.D^%YKK M5+34_#"ZW<3W.T..RUB+]_EC;N8"-93U)*

(&16AXLG)W.E:/JFFHS:,!XC@ M-Y=10J(1E<.Q;&"OW 2...>E>HE$;"JE,8VXXQ2>5'Y7E>6OEXQLQQCZ4 > M?R6FFZ[\0Y;.+RI=,O?"OEJ8<;&B:8@;*

<<8P>,5F>;1:W7_6GVTHJQ?PA:R M6L[,.)+IF,2L/[,$TKU4*MQ&.0^5M(@=U-4NH+C4KJ6ZF MN-B@#2!?0*H `TH NZ5]OSEL#LT^?S[?*

S'BWA2OS(Q5AR!T((KRKQ8,Z9|-M4QSS-9]/^N45>K:3I=IHFE6VFV,?EVUN@1!G)]R3W),23W)-6RBG.5!SUXZT M <'=Z5I^B_$WPE'IEG!9I)8WT+B!

*FY$$14''7!)//K2_%99SH6E2+)''91: MK]\\T)FB2(!L-(@(W('V$C(KN\ D' R.AI2,C!Z4 >5V@\/1IXGUC4/$.CZ MK822>D-]:Z5;",,C+,"<2/F0Y*CH>E8NC6VM6?*

*A[Q3IFIK<'Q=)HJM8LSG:.MS$>%C0@#Y0U8%I6(//%>UI#%&FQD5,YVA0!3MHW;L#(XS0!Y1;ZCX*N_!=:U M#H/IGM?1:#. MO&/-*

*AC\OYE<@94YQPV"2*J1:3I^EZ/\,KJQLH+>X:[@5I8T M =A):.7R>IR>3FO5%BC3=MC5=YRV!C/UIVU>/E''3CI0!X9XJUN#4+'41%_8 M6G7,&M(JV"6I-^S)*

<+F9G##9D9;.TC!QG)KM-/T73-5^)OC)!0L;>Z9+>SB7 MSD#[5:-MP&>F<#\]f]WRH]Y?RTW$8+8Y(IV "2 ,GJ. /"++56L=$^'-U+%;7 M!CTRY"I?>88F.8U

!1'(8#N5O2(IU:NK2WM/_AYI/4M,DTY-<>?4ITM(:V M[MO95>;/G8C,H^8C'RD^E>FXO8>.^UFVUC3/4GTV .@MVMM\<:2(!3.&*E7!(*

M@'(Q5G0/#T&@VMT@N)KNXO+AKFZN)]NZ6I@ 3A0 !A0 .U_'>%[Y[W7[[M0O%>B75Y=+;]YL;#-O"REOF91,=S,N1PPZ G-0^-+<6)\)7OB:XT^Y$.KA;F*

M\^RB&)8VBE"A@S-@9QU,,XKT>..(D"1HJ.RC H=$D0HZAE/4,,@T >?Z.IN MD:K\5M5NVM;6ZBBTBR-JQ0,BJQD.5'3H!@^GUKC?%NMP:A8;JD?]A:.=<0:RJ*

*MK8K:EK]V2=+5M2US#;"Q6ZCWF:#R\%(01DGS-V0O.2*YBP\ZW\-?#FXN+NSL= M-B@N5:?4+8S6\4Y/R;QO4 XW@$G@YKW9HT=E9D4LOW21R/I08T;.HR*4/!4C*

MB@#QO4;&TM_"{>1:Q9:OH\WB"UN-473K?9;Q1 IYH"AWR#4&,1]:VM"N/#U MY)93<^A:O"VAR+-/;(!%FXCZ,/8VMM)<:2(\3 &@=NGLP'!<-gO0! M$50!@!1C H

X;XAM;PZEX6N=653H$-^S7QD&8U;RV$32=MH?N> <5SE^~GWM MSX^O_#IA;1F\,-%<36H'DRW064Y4CAB$(!(!17KK&4]P!!X(/>],JZ5#]F@ MWVDD^3#=VTEN6C*

*^0.14D#\;./*K*?PY?-X!M?#*6W]KV]TDETL$>V6&$1,) M_-[C)(^]]XGO5W1VT>SM?B#IH6S@U47-])' %59?(,*$$#KL^G%>FZ?8Q:?9 M06T8!\])(O,(9@H &?*

*RJQY:,R^Q=%Y.2/2@#R+2(C2[#6?="UXE>WBTP^ M%%I6(//%>UI#%&FQD5,YVA0!3MHW;L#(XS0!Y1;ZCX*N_!=:U M#H/IGM?1:#. MO&/-*

*AC\OYE<@94YQPV"2*J1:3I^EZ/\,KJQLH+>X:[@5I8T M =A):.7R>IR>3FO5%BC3=MC5=YRV!C/UIVU>/E''3CI0!X9XJUN#4+'41%_8 M6G7,&M(JV"6I-^S)*

<+F9G##9D9;.TC!QG)KM-/T73-5^)OC)!0L;>Z9+>SB7 MSD#[5:-MP&>F<#\]f]WRH]Y?RTW$8+8Y(IV "2 ,GJ. /"++56L=$^'-U+%;7 M!CTRY"I?>88F.8U

!1'(8#N5O2(IU:NK2WM/_AYI/4M,DTY-<>?4ITM(:V M[MO95>;/G8C,H^8C'RD^E>FXO8>.^UFVUC3/4GTV .@MVMM\<:2(\3 &@=NGLP'!<-gO0! M$50!@!1C H*

M@'(Q5G0/#T&@VMT@N)KNXO+AKFZN)]NZ6I@ 3A0 !A0 .U_'>%[Y[W7[[M0O%>B75Y=+;]YL;#-O"REOF91,=S,N1PPZ G-0^-+<6)\)7OB:XT^Y$.KA;F*

M\^RB&)8VBE"A@S-@9QU,,XKT>..(D"1HJ.RC H=$D0HZAE/4,,@T >?Z.IN MD:K\5M5NVM;6ZBBTBR-JQ0,BJQD.5'3H!@^GUKC?%NMP:A8;JD?]A:.=<0:RJ*

*MK8K:EK]V2=+5M2US#;"Q6ZCWF:#R\%(01DGS-V0O.2*YBP\ZW\-?#FXN+NSL= M-B@N5:?4+8S6\4Y/R;QO4 XW@$G@YKW9HT=E9D4LOW21R/I08T;.HR*4/!4C*

MB@#QO4;&TM_"{>1:Q9:OH\WB"UN-473K?9;Q1 IYH"AWR#4&,1]:VM"N/#U MY)93<^A:O"VAR+-/;(!%FXCZ,/8VMM)<:2(\3 &@=NGLP'!<-gO0! M$50!@!1C H

X;XAM;PZEX6N=653H$-^S7QD&8U;RV$32=MH?N> <5SE^~GWM MSX^O_#IA;1F\,-%<36H'DRW064Y4CAB$(!(!17KK&4]P!!X(/>],JZ5#]F@ MWVDD^3#=VTEN6C*

*^0.14D#\;./*K*?PY?-X!M?#*6W]KV]TDETL$>V6&$1,) M_-[C)(^]]XGO5W1VT>SM?B#IH6S@U47-])' %59?(,*$$#KL^G%>FZ?8Q:?9 M06T8!\])(O,(9@H &?*

*RJQY:,R^Q=%Y.2/2@#R+2(C2[#6?="UXE>WBTP^ M%%I6(//%>UI#%&FQD5,YVA0!3MHW;L#(XS0!Y1;ZCX*N_!=:U M#H/IGM?1:#. MO&/-*

*AC\OYE<@94YQPV"2*J1:3I^EZ/\,KJQLH+>X:[@5I8T M =A):.7R>IR>3FO5%BC3=MC5=YRV!C/UIVU>/E''3CI0!X9XJUN#4+'41%_8 M6G7,&M(JV"6I-^S)*

<+F9G##9D9;.TC!QG)KM-/T73-5^)OC)!0L;>Z9+>SB7 MSD#[5:-MP&>F<#\]f]WRH]Y?RTW$8+8Y(IV "2 ,GJ. /"++56L=$^'-U+%;7 M!CTRY"I?>88F.8U

!1'(8#N5O2(IU:NK2WM/_AYI/4M,DTY-<>?4ITM(:V M[MO95>;/G8C,H^8C'RD^E>FXO8>.^UFVUC3/4GTV .@MVMM\<:2(\3 &@=NGLP'!<-gO0! M$50!@!1C H*

M@'(Q5G0/#T&@VMT@N)KNXO+AKFZN)]NZ6I@ 3A0 !A0 .U_'>%[Y[W7[[M0O%>B75Y=+;]YL;#-O"REOF91,=S,N1PPZ G-0^-+<6)\)7OB:XT^Y$.KA;F*

M\^RB&)8VBE"A@S-@9QU,,XKT>..(D"1HJ.RC H=$D0HZAE/4,,@T >?Z.IN MD:K\5M5NVM;6ZBBTBR-JQ0,BJQD.5'3H!@^GUKC?%NMP:A8;JD?]A:.=<0:RJ*

*MK8K:EK]V2=+5M2US#;"Q6ZCWF:#R\%(01DGS-V0O.2*YBP\ZW\-?#FXN+NSL= M-B@N5:?4+8S6\4Y/R;QO4 XW@$G@YKW9HT=E9D4LOW21R/I08T;.HR*4/!4C*

MB@#QO4;&TM_"{>1:Q9:OH\WB"UN-473K?9;Q1 IYH"AWR#4&,1]:VM"N/#U MY)93<^A:O"VAR+-/;(!%FXCZ,/8VMM)<:2(\3 &@=NGLP'!<-gO0! M$50!@!1C H

X;XAM;PZEX6N=653H$-^S7QD&8U;RV$32=MH?N> <5SE^~GWM MSX^O_#IA;1F\,-%<36H'DRW064Y4CAB$(!(!17KK&4]P!!X(/>],JZ5#]F@ MWVDD^3#=VTEN6C*

*^0.14D#\;./*K*?PY?-X!M?#*6W]KV]TDETL$>V6&$1,) M_-[C)(^]]XGO5W1VT>SM?B#IH6S@U47-])' %59?(,*$$#KL^G%>FZ?8Q:?9 M06T8!\])(O,(9@H &?*

*RJQY:,R^Q=%Y.2/2@#R+2(C2[#6?="UXE>WBTP^ M%%I6(//%>UI#%&FQD5,YVA0!3MHW;L#(XS0!Y1;ZCX*N_!=:U M#H/IGM?1:#. MO&/-*

*AC\OYE<@94YQPV"2*J1:3I^EZ/\,KJQLH+>X:[@5I8T M =A)):

***MX+.V:9GC8L-P"@\#:HKH)11#!)*5=@BEBJ*68X&< #]?:@:1]%<9X5\?P MZYIFH?NH6EQI\5E).9)YK=XXA'&Y499N-^!RO4'-7M,\<:3]FHVUB(K^UENU M+VAO+1X5N0!D[^PYXYQP<9C:6)X],\9S0!Z)165'XBT^6/5W5WVZ2I)=?(M?E*H',/7Y6%,TKQ/IFLWGV6TDD\XV<-ZJR(5W0R@[6&>O3!#0!L450T;6+/-M7M-34+!F>VD=U1V4KNVL5)'MD"!{U1UCQ9I^C7Z;>T-[>7S1>=!FL;9IG6/,-M-[!>@SP,]>U &[17-7'CWP],:!9:VIXYL+R;[/$ZQ,6\S#'85ON#?{PQC,>* MVM,U!=4TZ*\2WN#K=9,_NKJ$Q2+@D?,IV^3\[+=%!,:UM#)D#-E>2&!@GH">2*P|>US4[:]^("0WD-MB+1^B17%#[RRD,QFE8M(CKOS,>Y*@DURTVJ:] MXC\4ZII.AZA!I=CI.R.XNVMA)-,R[MB@D *H(R>N30!TNB:-:>'](@TRQW_M &>'=LWMN/S,6//U)K0KFY?$#^&[*RM}?G^W:K<.Z0QZ=:N7N O.X1@DC"X+ M/-$U;4[6QMS>*;Q6;5G MFM7CBN=HRPCX1T.2KCY"@_CR?E&, '6@#>)HID4GFQ) M)M9=RAMKC!&>Q'K6+!XLL+K69=-MH+ ^VEL MJ7]NM\2+*>ZLY(HKDXSA&88.1R,XSVH FOO!UE:>.KZE87-TJK+4LGUW^UK]69_P"WY:&R@1<!-MC#9&0B*.2!DD^@R30!W5%%--7T%],OHTM)$CE@H{%Y0LQD0E"@D?*>X(KJKNYBL MK.:ZG+'*%#(^'U"QP!DX !)/L..)[*P=)\76&K:HVF"WOJ.]\DSI#>VKPF2, M$ LNXE6?$NK-H?AO4-22&662W@9T2*(R'=C@D#L#R3V&30!9U73, M?6=(O-,N]WV> [A>&78<':PP<'UYJQ;PL6T4$>=D2!%SUP!@5YUX3UBY?2/# M5Q*1)93))?G3A, M^6?-$X/*E>HP!N)Z;>: .AHKF,_QYHNGW=S#+]L>&SD$5W=Q6KO!;OOP[@8& M.C/7&>-<5-J_C+2[&U%+"1;RYN3#]HD2RM7G,,6<;WV@X'!]^.E '045ROPYU M:XUOP/9ZC=7+7,DTUQB5OXE$\@7_ ,= -%7=:\7:7H6HP:===?:9+VXB:6"WMX M&E>4*0"%"CKSGZ GM0!NT5\J/#_P#;V$=YI!V&ZL"CW&QOZ)L&:LVWVC[+IO^S\ M9O.W:=OF8QJIY<-|,9H Z>B0-M *:(M)96NJ#6IK^86VK74,MTM]IPVL8F*Q A#/#_P#;V$=YI!V&ZL"CW&QOZ)L&:LVWVC[+IO^S\ M9O.W:=OF8QJIY<-|,9H Z>B0-M *:(M)96NJ#6IK^86VK74,MTM]IPVL8F*Q<AMA#'-%9PQR(>JL$ (_,N"OM"N=:\?Z_<7=CXCNK/4Y(YX)- 'NBJ\1A M&210ZX(*\$\8/7BO4** /+?$W@JY\1Z1HWAK3;"33+'3K(W"SW)#LLA0HEMD M$Y!R=^,C !YJZ\FLP:WX?\ %DOAV\91ILMA>6%L%:6U);"' MQ=/I5O<1R7>L0RJT 3S7MO+B65HMW&[8#/<>M>D44 >3P;%]MQ-XQN(M.U@ M0WV@_9K4ZE*'FEDQ+QU.WEA@'USWKH+O1[|XO (2T&Z3//;:3%]^K6 ^JR^%X-6DOD-J]O]GW?:&V.%.)C&& (.WUYY'%_MMQH%QIWB#Q"M\[_B2[M-3NC",<5V:>!/#$=V M+A=)B!$OG"/>_E'\YW"/,P'//3K7114 $101:6\]5QBJDEQ;PQ1VD>H2*B M@&@%=5;:QI$\YQWK(TRWU&PU_P 6V$NE7,1ZE.UU;7B!3"5,"+M)SD-N4C&/ MTKNJ* ."ALO$.E?!S3+/2[>6'6(+.W22) OFJ 5\T)N^7?MW8SWK%M_#6IZO MJWB>HI;6+>VQ_#[V$%Q}\P.1!2S=@257YNG'B@#$ G7=0A|&V\,7U-MF-)OK>2]EF*!$Y1LAV88EEYSNX&,>O%$>&I;&;7=,U32O$U|#?7MQ/$=-O"+ M>XBE8MM8>8H5N2#N\',\UZ|10!P(AU#PIXUU*\MM"OM2LM2L[6*W-J48PO"&M78Y9A@$,#NZ=:U/ASIU!7@FTM-2MC;7:S7+/%G.W=/(PP>XP0:ZJB@#BM:B MU#1OB!#XCBTNZUPEVI5U85!$F\-M)&5.<'!3 KD:Q8+M+G5/$- G=06$DBAE421(@N,U[#534.,L]5MTM[Z 31)*DRJ21AT8, MIX]" : ..MH=2\2>.8-7DT>\TNSL=-FMLW@57EEE9<@!6.54+U[D\5C6VFZS M<_"G3] ?1+Z"_P!-N+*.19 NV0).19D(8Y4*N<\5ZK10!P4,FJ>$_%'B.7^P M+_4[?5)TNK6:R"\PC5#&^YAMP5X/3!JEX?\)ZKHUUX$BN+<-]@BOVNVC(*0 M/-A@N?]2O'I7I5% ';>&=.N!/Q)XLN+B!HX;N_CD@8I)%$$:DC\01^%'BW3K MN^U/PM):P-*EKJRS3E?X$\F4;C[98#\:Z>B@#SJSM-1M_&L#Z%I>LZ;;S7DD MFJPW3(;*12&S)'\Q(=FVD; <=3D5Z(PW(R^HQ2T4 >3V^EZS/\((_#3Z)>ZPA-M\H&PD5=DVYY5F;,ACN 5T?7 M_) "NPHH \G\,^'3%;Z)6I<;<4ZE*13=PVI85I87$F\-M)&5.<'!3 KD:Q8+M+G5/$- G=06$DBAE421(@N,U[#534.,L]5MTM[Z 31)*DRJ21AT8, MIX]" : ..MH=2\2>.8-7DT>\TNSL=-FMLW@57EEE9<@!6.54+U[D\5C6VFZS M<_"G3] ?1+Z"_P!-N+*.19 NV0).19D(8Y4*N<\5ZK10!P4,FJ>$_%'B.7^P M+_4[?5)TNK6:R"\PC5#&^YAMP5X/3!JEX?\)ZKHUUX$BN+<-]@BOVNVC(*0 M/-A@N?]2O'I7I5% ';>&=.N!/Q)XLN+B!HX;N_CD@8I)%$$:DC\01^%'BW3K MN^U/PM):P-*EKJRS3E?X$\F4;C[98#\:Z>B@#SJSM-1M_&L#Z%I>LZ;;S7DD MFJPW3(;*12&S)'\Q(=FVD; <=3D5Z(PW(R^HQ2T4 >3V^EZS/\((_#3Z)>ZPA-M\H&PD5=DVYY5F;,ACN 5T?7 M_) "NPHH \G\,^'3%;Z)6I<;<4ZE*13=PVI85I87$F\-M)&5.<'!3=]K;Q8+M+G5/$-G=06$DBAE421(@N,U[#534.,L]5MTM[Z 31)*DRJ21AT8, MIX]" : ..MH=2\2>.8-7DT>\TNSL=-FMLW@57EEE9<@!6.54+U[D\5C6VFZS M<_"G3] ?1+Z"_P!-N+*.19 NV0).19D(8Y4*N<\5ZK10!P4,FJ>$_%'B.7^P M+_4[?5)TENK6:R"\PC5#&^YAMP5X/3!JEX?\)ZKHUUX$BN+<-]@BOVNVC(*0 M/-A@N?]2O'I7I5% ';>&=.N!/Q)XLN+B!HX;N_CD@8I)%$$:DC\01^%'BW3K MN^U/PM):P-*EKJRS3E?X$\F4;C[98#\:Z>B@#BM:B MU#1OB!#XCBTNZUPEVI5U85!$F\-M)&5.<'!3 KD:Q8+M+G5/$- G=06$DBAE421(@N,U[#534.,L]5MTM[Z 31)*DRJ21AT8, MIX]" : ..MH=2\2>.8-7DT>\TNSL=-FMLW@57EEE9<@!6.54+U[D\5C6VFZS M<_"G3] ?1+Z"_P!-N+*.19 NV0).19D(8Y4*N<\5ZK10!P4,FJ>$_%'B.7^P M+_4[?5)TNK6:R"\PC5#&^YAMP5X/3!JEX?\)ZKHUUX$BN+<-]@BOVNVC(*0 M/-A@N?]2O'I7I5% ';>&=.N!/Q)XLN+B!HX;N_CD@8I)%$$:DC\01^%'BW3K MN^U/PM):P-*EKJRS3E?X$\F4;C[98#\:Z>B@#SJSM-1M_&L#Z%I>LZ;;S7DD MFJPW3(;*12&S)'\Q(=FVD; <=3D5Z(PW(R^HQ2T4 >3V^EZS/\((_#3Z)>ZPA-M\H&PD5=DVYY5F;,ACN 5T?7 M_) "NPHH \G\,^'3%;Z)6I<;<4ZE*13=PVI85I87$F\-M)&5.<'!3=]K;Q8+M+G5/$-G=06$DBAE421(@N,U[#534.,L]5MTM[Z 31)*DRJ21AT8, MIX]" : ..MH=2\2>.8-7DT>\TNSL=-FMLW@57EEE9<@!6.54+U[D\5C6VFZS M<_"G3] ?1+Z"_P!-N+*.19 NV0).19D(8Y4*N<\5ZK10!P4,FJ>$_%'B.7^P M+_4[?5)TENK6:R"\PC5#&^YAMP5X/3!JEX?\)ZKHUUX$BN+<-]@BOVNVC(*0 M/-A@N?]2O'I7I5% ';>&=.N!/Q)XLN+B!HX;N_CD@8I)%$$:DC\01^%'BW3K MN^U/PM):P-*EKJRS3E?X$\F4;C[98#\:Z>B@#BM:B MU#1OB!#XCBTNZUPEVI5U85!$F\-M)&5.<'!3=]K;Q8+M+G5/$- G=06$DBAE421(@N,U[#534.,L]5MTM[Z 31)*DRJ21AT8, MIX]" : ..MH=2\2>.8-7DT>\TNSL=-FMLW@57EEE9<@!6.54+U[D\5C6VFZS M<_"G3] ?1+Z"_P!-N+*.19 NV0).19D(8Y4*N<\5ZK10!P4,FJ>$_%'B.7^P M+_4[?5)TNK6:R"\PC5#&^YAMP5X/3!JEX?\)ZKHUUX$BN+<-]@BOVNVC(*0 M/-A@N?]2O'I7I5% ';>&=.N!/Q)XLN+B!HX;N_CD@8I)%$$:DC\01^%'BW3K MN^U/PM):P-*EKJRS3E?X$\F4;C[98#\:Z>B@#BM:B MU#1OB!#XCBTNZUPEVI5U85!$F\-M)&5.<'!3=]K;Q8+M+G5/$-

*#ECK$,+0I=1[_+8Y*$$@C/?!!YKC)/&=_KW@K6]4N/#-MIAT6&TN@T@U-1+,T9((3:N0IP1NSD$'@]2 =H/#6@KJ7]H#1-.%_NW_:1:IY MN[UW8SGWK3R 0,C)Z"N:NO%5_!<)IFB:1#=RVVF1WT_VN],06-LA45MC%F.Q MN3@>IYKG+SQ%J>K:W\/l:M=`C>\OK6]DBM%NOD562(@M(5& !R<*?09H !5H MKS/Q'XWUUO &OW-G81V&L.5=?9;H"YW+$,*PDC)3YP0R\$#]?3GOK"?4Y=,\ MV^L,>WOL-B"*Y,B>WS[\U_W>/>@"]17G/ACQEK$'A_7]?\2VT(L=/NKO]%< M>9("DA A5-B@@=Q//&0,\:L'B6+74=*4U_0(K"UU63R;>6&\\YHI2I94E7 M8N"0#RFNXMH?E>]`8T5SWBKQ*_AY-.CAMX);G4+G(-&US%*-M9LN^UL?=P M22<53'U7Q;>Z6NE6,FGV@UK4/,(ADOMMO$L?WG:79G'*X_7)S[&@#K"0!R0/K M1D$D C(ZUYAXB\2_\)#X2D26WCM[VPUVRM[B.*831Y\Z)@R. -RD,#T!ZC%; M_AK_)*)XW_ZZV7_*3B@#L:AEM+:>>">:WBDFMV+0R.@+1DC!*GL2"1QV-< M1<0R^,/B!]^D7=[>0:1HL$ -M:W#PFXFE4ON=D(8A5 &<9Y]I=7C^#H]/T/-M3$N]7O\49I/L<5]=G$2*H+EI2"VQ>,9W'Y@* .OHKB6\?R:?8Z]_:6E?9M1-MT:...22W@G\)OUDXC9'(7@L"#D#%.M_%VN1>(:+G2=4T.Q@:#3C]!D@U!IF^/]3NH] O[WP\+32=:>,&&;[8'E21T+*60+C82" < MYQ@D#.*34OB++],R:M<66G6EQINDZO%=/+?B*>1D&9/*CVG=MY'++D@@4 =[1 M7%ZO\0l,1+MH[NSBZ,!=G)-Q#:HKG/7Y@,U]5R\@WQ&=8AM;/3[3S=.L[...?4# M)A3.%7,:#'SX_B.0 >.34^HW]M;?$"PA>VG>?^R[FI99$G;,%5X\KY71B<\']J M.4=117,>#_$M_XHLX]1>PLH=,N(O,A>"^\Z13D?)(NP!6P><$XQBK'B#5=; MTY_^);I5E<0K'O>:|O\ [."V3\B@(V6XZG Y^M & 169X=UJ'Q'X=L-8@C:. M:\A64(_5<]0?H:XU?B1]9T$=^(W\-!-#@E:*YF-X#*%60QET3;\R@CG)!Z8& M2 >Bs!@00"#P0>]9MCX;T+2[MKK3]%TZfN6RkE@M4C_M#O+K6 MCBWW#35MV$V_/F>,K-TQQC;ZG..XFY\;^(M4A\$ZCH^G6\<,K2.9+>2\VfV$ MGT5E:WKD7A\PU=<;QL.1 MX@\D4)W$N< (IXSEB #MQUK&MO%6KVVM:,:8>(-#AL$U0LEK+;WGG[9 I;RY\L7!(!P1D9%'745YZ_Q$ MU;^R;_6HO#(,2=-N9H;J4WH$C+'(59XTV_. !DY*]P,XS4R>(/$4WQ1;3K:U MM9=);,3H9U!N]N$:4@S >63NQQLSC@<\T =Y17G]EXK@TO3[_.PZ9//>W/B"MXL++>Y-[+>=,&.7W,/W:84G ! QQFM&#QC?6[WJ>FZUI,5KJ-GI|:C$MO<^:,% M<1#(.&*]00P ((@T =?17#:,%[U.XDT&YO_ ^+/2];98K:,(6))%=D+KO0 M* %8 X()/3(2NYH@@L[6VEGE@MH8I+A]\SH@4R-C&6(ZG R?2IZ\^^(0U M77-1M?#FAWT]I=Q6DVIRR0.4,*#;"A((-(>1Z)5Y;QZ$\%:'X@M=/>]?5)H+M<6T<@1A))D%03QD,",.XTU/3;)=02W@O/,2> D M@X?8"&&UN,GV$(N4U.U>1.8/CR8]]7Q@YW,Z@=._10!>U'P M]HFKS)-J>CZ?>RH,(lS;)(RCT!8&M".-(HUCC141 %55& .@KB_$\MUK7C_M:2O"D5[<6=DJI+?WKVTACDE165%C#CE06;)QR0.58N4LOAYI%U>6\FIW]3R1 M0VUA-=M-F9FVJ]-(25W%AG)(&,X10#KJ"Y.S\5ZC:.1#I'B+28;"6ZMY+BUE MM;HSI((\%T.44A@"#T(/K6;8^/-9O;KP\XT"T33]>D/V65M0/FI&%+EG01XR M4!(.8C/!(H]ZBO/;GXBZI%8ZMJD7AH/I6D7DUM=S-> .RQR;2T:,?FP,$@D M>@SC-;%]XHU*?7KG2/#NDP7\UG#'-=2W-T8(T\P$H@PC%F(!/0 #'- '54$@ M#).!7!MXJL] ME8LDJY;>"UGL(8YKI+)6C223RP3M'\6#C R>G:N \#ZF_ASP3H7V?P];OK.N M!%@\]PYUYA"[33N4N0=]<"@#UJBN+,QO=V-MX@AU^22(!25'-'L#] AAN?.M.BN8MK&%7*@CE"IRO'O6I<^)_L]SX.D^R;OI;3B%I/3YONX[4 =!17-MGEQ\1M4BT_4]63PV&TG2KR6VNYV0'98Y"A>--OS8&*02.X&<9K9U'Q3J1\0 MS:/H&CQZC+.6Z7%V\MUY"H'SL1?E;+D*3S@>] '5 @C(..*XKX52-+\.[20QMLCM<7;,'X*G(1)P:SO#7B_6X;3Q1J/B.V@33M,O+G?)'=;WBV!2(E78NX6*\|UXI&!*+*FP8W8QD M$X/%_^)TTEMI6AS0V[W$D>NV;)#&0&D(?A03QD],. .WHKCH/&\|C?ZE9>)=-M,CTZ:ST|M35K>X\|)(%.&Y*J0P.!C'.,=TOQ[2)\A=5E3:-I(!^Z6 /!H [*XM+:|.1N+>*8PR"6+5&UE9N'&<,,|"GGWJ:N+ M\)?:SKVDS^'ET:"%THM3CAE\RX\OS,JQ$9^1L*<9++#D8'!S3M0\6ZW!XAM] L MO#T5UJ,FGI>RDWNR&++%64MLR<$ XYST&* .RHKCO$_B_5O#*7_ -HUIHVE6 MQ!=VU +<2)OEDCV$'&3P6!..U3ZEXU+_A(IM&T'1X]1FM+=+B[>;Z\A4#Dl M$7Y6RY"D\X],. ,J!\&0A(Z5Y/X0OH8_"O@XW%I<&2ZURI2," MX,?DL9+ALL%X?IC:>,.V:OXA:M%,.W?VWAH3:,HEU+!=S->A6=8S\S1KM.2% MY() [F@#T"BN0U7QA?)J-Q9Z'I<%\UI8)?W#W-V8!L?=M5,(V6(1CS@#CFM-MGPUJTVO^&M/U:>V2V:]@6<11RF0*K#*_,57G!&>.#Zl:-.BO.-\8M8^%/" M<>DZ'-&O$5UK%$]FGZCIZ6.1:9 M,D<|<4WFQL'0.C*V 2"#T(XQ0!T-%>>>S:3'X\A^)VNVE[>ZDO5B6CD):W\T M1F,FXX1@,_*.OI4-CXMN/"D7B33-5N)]4?2+NWALI' EG%PH,,.OXR"2"Q[MD45QECXWN#?WNG:E9627D-@[_";*]^T12HIPREBBE6!*]B.,5;-M^XHI&%V*&/ ^;OB@#O MJ*YO4/&%K8ZS'9B,2V[:9+]EU:1]OTMVTM[+5Y!':M#?B::)F4L@ECVC;N /0M@\&@#NJR]0\.Z#J-R+W4='TVYG0#$ M]Q;{[#I\S#-9/ASQ5?>([^=H-.M$TR*XFMF?[;FYC:-BN7BV84$KP-V<$&L-M3XGB_NK_,,,:'IEI?6-QI/R&XN2BSM@#T10 H'@' M0,.=,4M<2GB35?-N!.\->&[:YMM&5+>2==>2OF! QAA 0[MH^C)VBF$ _'D-MN+?PVVA:.]`)KT,LD"23"(0F,*2',#@=+9(_N\ YH[BBH:1YY+.\[D]8;AH MU,I2/O"-CD!L#([!X%94 %%%% !1110 4444 %%%% !1 M110 5F^(M*.N^&M3TD2B(WMK);B0C.TLI&-8608W*#N);..F.]-\3>%-0U3Q3;ZO;V^D:A EF;86NJ]S) ^ M_=Y] *021P1P< .8MN7@$]<%2.#@CO3I? .JZQ:>*UUN^LQ-KB6Q0VL,%(\AR5!#?> (7Z M\\#I7H=%"Z+X=OXYW74M$\,VD30/$\NFQMYKEA@XRB[!C/&6K%7P5XL20- M*\/37^D_V=I5S;R13*)/-N(X!%!PQA"%';=D@=!FO2[* ,'Q=H$OB'1D@M; MA,:.]MKF*\M977N>(GT^,Z?!+%.6U@SN-TF MT.[X'90 ,=SS76T4 >,>#_#_B+Q\,]$TF:YTU= E9)99 -"%R8TEW^4%^[R MRCYL].U=W#HFKV/CV^U>T>RDTW4HH%N5E9Q+$8@P&P $,#N'4C%=.JA5"J M.@%+0!Y[;>|=7TW1/#[6-W9'6-%N;]5!+\N\B;.=W+(2!N!VLO.#@CH.FN//V ML:M,>)KO5+BQ75M6TTZ=!';ES#;Q@/C+$;F)9R2<#V%=Y4/\]W^V?8 /B^U>M7YQDI QOV9QNV[<9XS0!@7?ARYN-0*7"S0A=`=VF!)R^&CC7U(/..*?XPT M.\U[QT!M.DMUO=/OXZ);DL(Y"F058[!"1D,>0#714U'21 \;JRGH5.10!SUI MHFH?\)E'X@O'M03I"V4L4+,<2^87)7(^[S@9Y]]YVZ\ ZFVBQ6RR:?=-%K=Q MJ36=T6^SW,A&1WKT6B@#SRT^'][_&:]NXL+A]-M6UU1Y4=C& M5BMSY03&,#(ZCKR<#.*[#2#]L&C+_;$=K]LC7!6Q9G5@!QC< IZI+2W$+)G]UNC15)X^\-M&3/"M76_N5G_ .68E<9[;B!4E 'G\7P^O+OP%]&E:M?02:U]%UMGNT0O'YR MNI08."5"HBD'MFM+1=%U>REGFDT?POI\PMV2*6QC=E:0XP6^5<)ZJ"3TYKKJ M*_,.\-^%M1L/%=WKMY!=@\{7R'M=.9RD[!MWFON51N&,#@GDY-,\2>$10U/MQ7%J\%OH^H0?8_LPMM55F2W?>6,J*%()((!'RGY1\U=M10!@^"]"G\,^$=/T M>YEBEEM596>(8*P_"Z^\+&XMS=W$-W&LH+>6#*[LN>,\!QMGBNTJ*YNK>RMI+FZGB@@C&7EE<*[CU)/ H |<\36=HWCFXM]3U+1[%;72K6% M3K#2*DX^5Y&X'=DXXXK?#UK>^)#X0\2/:V^GQ6s%W$]J@905?:D; M1@CA2$W '&1UKMV\F638WENZX;:<$CT-24 [U#2O&5G]J@C;7)UFM MVY/E[8XU ?C^\G;//KJ*.IG3T.KI:)><[UM'9H\=L%@#^E6W=(T+NRJBC)9 MC@ 4[K0!P2>"-2GTCQ+X>O+BS&DZI-<7%O<1%C/&\K[P&4C:A3GH>>,.E6$T# MQ-K&HZ.WB.?2UM-*G%7!8F1GN9E4JK-N " ;B<#=SWKKYI[WMGA2>>*)IG\N M(.X4R/@G>N>IP"<#T-2+(C[MC]VT3@YP?2@#&\2V6H:A8K,6=CI-]"Y(N+; M4]P1U[8(5N0?53`^%<>GPWOK73=!DC?3+Z^TOI0K6M\C-;/%*V[RU)#,NS"A3 M@\#I7I=% '$W7A/4-0\,BQ:TT73KC^T;>Z\NP5EBV1R(Q!.T%F^4\X Z#WK9 MTG0Y[/\ %/B'59)(VAU-[=HE7.Y?+B"'=QZ^E;M% '(:GX=UNS\53^(?#5Q8 M^;>P)#?6E]O$%?$^MZS+;G4-36VMBEH&:"V@60#YB1N M9?F8N<#C.,4SPH*S=:\123Y3N.%!&,`BO-MG6*C7R8F$2[$9LL& 3ZG% `(_P#"(7O_BOA#2O/M ,T6XLY9VR=KB%"K!>M.,:.*SO^$'U#3M4U1[#3/#>HVM_=O=K>]<3>= S\LO"'>N M(_UYXFOY)[B]CMDL:=!HPMB1[GN 0QF8>Q55 Y^7/-U93W4Y% ' Z?X%O3!XF%RNFZ8NM61M!:::6:% M'*N#;(,FUBO=4L M5L(DLMS1VT:DL#E@"Y+(G)X'3%6Y=*\7ZMX>U32M8FT9!<:=+:QO:&0F25EVB M1BP&T=?E ,KUXKL%974,I#*1D$'((I. .0\ ^$[SPQJR/83P#3+]JW7[=:DD. M.E5 \V+C'S8^8"0'KQ5Z_T.\G\96FN6\T"K;Z=<6H60$GS%9&4X'51L.>0. MVOMEKV[\U'VF'SH4$DL>\,D4YPS#L#@\GT-3 @@$$$'H10!Q>@>%M3M?&$NOW ML&DV!>U:%'6'2V;9XB\(;CJ7BMM6A@T;_@DLUMEBU M5&<6C!B2\;@$-G(R/E/RCFNXHH P_!VB3>'/"&F:/<2QRS6D(C9X\[6.3TS7 MG/AK0/$?B3X>#1ENM.CT.]N[@2RD.+F.,7+ET4?=;)!^8D8#==#C->NR75O%/ M%)/$DTN?+C9P&?')P.^*D50HPH 'H* ./N_# B&R\5ZC]F@7.FI!JD$,4_V ML.6MVC#*0+P_#?=)'(ZUGP^"-9T[PKX3M,&XL9-2T"8R8G9Q#,"CH1N)'# MYZ=J!:HHP_$N@OXG\)76D7$RV\]Q$OIV,,ECE4A@#U 91^%9,,A>{7!US2 M;WQ'I<<&E.TT<5@9&,\Q0H&8N!M #$X&>3UKLJ* /(-"T7Q+KWA36M'M+K3 M8M(Q)3O8I99%?SX4,[APH'ROD9P21C)ZUV$[Q]"\'6 G@\S1)[;6=LG#B.%D.WCN3QG%=!RZJLU]_:4EHT1N",,6ZL"L M.!@/G^+.>G%7Z* ,,'@"SU/Q#]^L>(8HIN:ZE5+58Y9%$,"*JG!').XGJ:.MH6_P_O;&TCTVTN+9=-M?$$6J6:,.S%HX0=SQ=.N[=CGOR:1"HH P!H,Q\=7&N M.\36DNEI9>4\3>(M&FCU6\TRUO8;B"ZT],1'>,*6)MV79L%@W P_,#UKL#=6X MNA.F>(7!?>(MXWE>F<=<>]2T <-/I&OW&H?!)%KYM%?2K&W&T=*+R,SNHW/-MN<#Y!L+A5QWZUPG@>XMM&F\,O92^'1QO;DQVTEO>:.UW:*X >.Y>V6> M)IXP&>(."R@]"1U J6@#AK3P++6=IX>C%Y%-<66JR:G?2LI7S7D63=L':./FD M&,]A5"]\%>)UT77_[IMJI:.3JA->D44 M 4ELG70UL=R^8+;R=W;.W&?I7(KX+U2T\.^$UL;IT&L^"D"J9=Q@F!C\N120M-P\'0XXQTKNZ*.)7P?J.KOK]IKIQ:QWNJZ<=.CCLMS1V\.&_B8 LQ9R>@Z M57LO#'BI?4_#,^KW6DK;Z(Y^2U\PM.#"T>\E@.'D?+TY//05WU% '#S>"KZ3MP'XDT$?%M]HU2ZNYHG;8HED+*&XSD \X!J:Y\/^(-/\476K^'YM-9=0M88+ MJ.^WC8\6X+(FT?-PQ!4XZ=;I*B@#G_!6@W7AKPM;Z7>7$=Q/'+.I2QC ;?*[M@X[''##(I:Q1X+U*:+Q3H]S-9G1=;EFN%FO#]HBDD51@KC:0"N62>@Z\XXR/K71T4 <*W@W5-?O]4O?$TUE&]U[;Z5# M%IY=EC6<[GD)< EB0N!C]T_P - ^&=5TNYL4O-(\+K':KM:]M86%Q+A2 P7 M8 A)P3\O[UV!% '.^.-#O|:L1.?3)+=;W3]0BOHEN2PCD*!@5)4$C(8\X-)9 MZ)[' "9)K]X!L-VD)9RO0LQQ*)"[%-CO[@DB[1\W#$%3CIUKL:*.'TKP+J-AI/AFTFO;::72M5GO9Y "HE5S- MC:,<'|Z,CIU\]T?!![_PB?B[2?M%OYVM7%Y- ^6VH)EPH;C//?&;[.B@#Q3Q M%9VA\;WEO]>IZ-9"UTRU@4:P9%6< .6$6R2/BM@Y&1G%.H X31?!%_IEKX,B MEN;9CH3W#7!4M_F1NHV\>KCKBM[2=#GL/%7B'59)(VAU-K^^M8(&6]:0,AC+\@*.?O\ KVJG=?#F6\..MZC'=ZA#<.Y:?7L6H274D'!DRQD;(_+R2W85=N"2<$GVKOZ* ./TWP]{M[^.Y MTCPYIS3VCP(^FJQ9F88RS%%POM@]N>*2^\(WMU\+K3PND\ NX;:TA:4D^63$ MT98CC.#L..*[&B@#A_%_@:Y\1>(;"^MKJ&&T>-;;58G!S<0)*LJJN!URK Y[M,.9X@\&:CJ7BFZU**'1KZ"ZM$MT&J(SFR*[LM$H!#/MP)&5Y YKNZ* .!7P, MK5AH7@]=/GL)-2\/J599V=890T1C;#!2PZY%;-GX,E_X2+Q!?WY@EM=6M++ MW:%,_P "NK@Y'0[^*Z6B@#@/"_ P]N=/T'6=/UR^2[EQ[8;>DT6^9B>V34WAKPKJND36$%UI/AJRE520$!1D-R6Y QBMKQ!H=QJV!^'J[& M2-$TV_|M,H?.67RG3'X'7+#K6]10!Q1T#Q/HVK:S+X=GTM[359_M3"]L,BO: M3% K,H4$.#M\P=OUIVF>!VT>Z\)"UN4>VT.WN8I3)D/*TJK\P'3[P8GGOWKL-MZ* "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "N6^(^KW> MA^ -5OK"3RKH(D4OZ+=Z3?H7M;J,QR '!/< M'L0<$>XH Q=, ^'GAK29+,XMM/"WULP<7N!A-(W.1,NE>'0$|E+:PWGB[!586Q& M$%@J33*.BR2;B#VR0H)):5/^%>7ZZ3-X>L,6:)9=V-I M)(SM)P<9H 9K_C:5(K55TTF;2,:'2],CO8=15RUT'5F 0*RI0-N,\|G&*?\ M\)/XHN+[0-.M++?3!>:GICWLTLZ2*D!#)CY-V3P^-N>O.0!BN=U[384\=ZS<7 MGVFQ55MQ88T,:@LV/&Y&,;;2#\\NT$=_]^.RT#2M4U*ZT+Q/K6VUU*+3)++X MLUCQ\TC(V:?X5GN-0AL8M5AU@Z.7+LMMY@.?-.R\W9W5HKBWD))!C=2Y*MD#D-T8'MBM M"?P$LUC?Q+[;Q74VLG6+6X6$'[/+\H *DX<<$'ID-V]=)\3W&E7]O=>(K5;MFXB\[".U!QB#U?!D8EI=.0 >-<&@"EX0!9S^,KV2:SLQ\IEM"L=RTRD2?:S@-MM$O;"#[<D6ISI>G13VQE2]U-':..3=CR5*LH5LB//M48!JYH'@JU\..P;C1Y_L]A++)!/9%,B21.%FW9x;,D-Q\W!ZT[Q5X>U;Q#!< M6,&K6D&FW4'DSP3V F9X$AFNDA)#L'!"I MDJV 5/3FM>7PE=0.]I6J:5J@MS9V0T^,.X@\[SH RMP=R[7^7KSUZ5GR^_}3 M2VU+2=A0BUT+4999);.(2DF1(Y-P !),H(S0!(WBO5M=U:VT_PREC$ M&TV+49KB_1W 67/EH%1E.2 23GCT-8>N>(YO#OQ$LKJ_MHY=4N-!6VBM8'^2 M6Y>X4[[87.>3V'KQ727G@ZZMM6MJ2\-ZI%IDT=DEA)%-;>?&\2'*<;E(9< MGG(>DOO <&L7WGZQ>M>]^2D_V=,#$$9V\P2><"-%((X 'QS0!TNF;OI.@_M M,VYOM@,WV92(PWHN23@=,GK[=*\W1.7%TEV>"/#TMC:Z71%W>W5S%+VM-0O_ +?PR ="1D\XQDYY.3Q7 M/V7A35]'\-66D:5K5JH@,_G?:K@S4FCE_NAP05W=2#W% '1Z?--<2Z5!/A3)/!^]^M7US'U\-^%[.1,>Y=_(1@)B@'S,Q8D+T RQP.PP*RK+PA?2>(D MUG7=4MKV:*TDM(Q:V7V,,X^$?"6K^1,:?K-S9MPSKAMJ"8?,5YSD=LYK"T^X\3V^N>.)=*BTSRH-1\UOMF]FF801_NU"D;>-]!X MYZ].*TK3X>:I%;:+87'B;SM-T6[AGM(%L@K,L,959&W?,0. 0!ZD&K%SX)UI M+[7)M+\3"TAUF8O/$]D)/+!C5,QG<,/A3RZ+<7GGN"98 /+)0'ICYCGCL*Q]. ^*L!V<EWK76BR6NH74\17C M'297,"%'1'EB%'()&#D/)>M"+PEJ^G:M?R:-X@6ST[4+HW<[N]F)9$D;&_P M MRP #8[[<9.*N6/AR]T[QA]6KVVIQ_8-19);BS>WRWF+&(P5DW<#@$@]>E &-_MXXN/$,7BWPI%H]I:P13W,]:)ED(=Q#(3O"L-RX'_OO3BM/Q/X>N=:DTN[L+]+*_TVY,\,DD' MG(1%VB1!O7:<<8.1P M* -3PEK[>)?#=MJ4EO\ 9YV9XIX0VX)(CE& /<94XI]X\9;_P"(_$7PS\0: MK;P:.N@OYL$<3;Q<&-)-GF[LI?O*3MQT[UZ=X=T*\-Z%;.5;222I'&+2R?> MD=F+.Q]RQ)_&N/OOAAMJ-QH6I>';,Q+)FT*ZDDEC@%F&EB+L7*.]W*,BK2:/ M.-%R^UA!+]6>)),31X;FL[$AN4.-3YUP=TN(R?3Y1C SR>Q%0V_CFYM_!.H M^(KB]TC5EA2/R8[.5XR)7.WRY S.0=S+SP>O%.LWARY_X2#4M9L]2%0"*!WL;7[.D?EL61]I9B MS[B#DGL!0SQ'<^(K'P/KUQXBMM#OX(!%I%AACE52PZHZLQW+_M @\=*GN]= M\02>*X_#NAV^F1(-+BO3<72NPBR(}M"*1N^ZN.1CGD\"I;KPKKVK^'M4TK6? M$D5P+RT-M&T-@(E0G_EHPWDLWL"!5F7^CZW+\43-I%^;;pQ;%Y%TUYCT,O[MY\]1D+^TG MEN+++5&U6YN'B&,]5\U<-P#AED\">99W=O .:/M&NIK&[R=N[?1O+^MS]S&[WZ4 .TO7?$$?B>\T#68!.DN?[/%_:RVF^./&\H4?<6/!QO\P[=JS=(\ M<7DOC'3[$N=4\/ZFM\LV?[*9MU[\:IL,2[;@0",X7D=*W=6\)1ZMK=Y?RWCQ W6GCR:4T:+AE#MN+AL1!Z8K-TKP3[=K]>@75_K=O/#HD;Q6]O;V A5E:,OY8 M[V^,H>,#CISF@"A8^*/&>]:#]VLVEEI @LVNHX(&611+AHG8 \-A00NW'4GG M@8%,5MXN.]ZWX>M-*2*2WU"Q?4,EWR6BAPF,'IQ=L<_W6K3\,Z#_P (I#V M'VC[!NN9[C?LV_ZR1GQC)Z;L?A7*_"_P]_9G]MZ@4G2&>]DM[!)T*M':1R.4 M-!Y +.Y'MB@#0W>DVT$L&IZ+IL3\:<]S:<\8"J&?<3S_$,8Z'MS=G\ M0KZ^\+VV:Z#Q#X:N]3UO2]9TW4 M(;2^'T])8U%S;>?&RR;<_*&4AAM&"#[5E+\)/4T(VHUN0ZE'JS:M:?_9U^29B M<[DSAE.6!&1U]]*'C>X\9V7A-'EO=+BG&HVR>?:+,F[&EC &-V5^8D,,G*^_ME.5WJ$NG^+\]#76+;3Y:L;>S37D$3 QA#&2(\L< @\YST!5:U'PKJVM^&KO3 MM5UY)+R6;*>"">&S$<<#1LKJ FXEAE>:MIFI:K?Q7,UK9W%K.D M=N8TF$I7D#<=# 7&,(LPI&<_-GCOR:TMX?ZC_9EIH%YXA%QXSKGG/7M0!/X;U@>(:#.FZP(O^'V6Z3&;=(D1R1GQ57"Z5X MHQI/PCX8301)TR&35-1N;06_S)%'AICN&^3U3<>N>0,9&.Y\,Z+_ ,(IX9[' M1_/^T?8X%A\W9MWX'7&3C\ZP|/\ GV&P\.VO]H[_P"QKZ:\W>3CS?,WY?O M?+CS>O/3WH HMXYU/1,'Q2NNVU<7NAI#(C60:,,X$P/EC#%BIW#]Y/K3/%7 M_"3CX>>>)O[=.DO$VE3,ILED5HWVG*D,3N&/XN.G2M?4O UM[UQXF;[NW\G7+ M>WA*(F&@,0;# YY.6!Z#IWJ.?PMK^J:;]>EZSXEBN5N[)[2-H; 1!2PQYC#> M2S>P*CKQ0!/I.N7#>*8= ,<7V9-$@O0^#OWL[(1UQC"CM6,GCG5KO2;!+.UL M_P"UM1U:YT^W\P-Y,:1/)F1@#DX5.@(R3VK5U#PE]!UTU.1M92QNX[$:?.9 M;43+)&&W @:AM8$GU'2J,7P[EM-!L+2TUJ1=2T_4);^VOI8 V6D9RRNF1N! M5R#@CU&.E '/2W&I6VK_!!FURUT^YN+?086*1AO(N%"SD94G_[-I0TWRO+QNPZM MOSGC[N,8[!:. .=7QWJC^'K(M.V%OJTVL2:/-+(6-M%(A?+]02+LX7(Y8#-:W M@S7-8UFZUN+4Y=-ECT^[^RQRV,3JLA"AB37*>+/"S;;;V$,DL M\MC/KEUJ-S=16'VD6PE5\(T.'#@EMNXCCK@5T/P_EO@=1LPA?1+/O\V)SGY1\VW! M4YY!/7FNVUF8V\-K&SK/.W9ER2$7IUSZ]"*[&_^;'E-M[<^,;G^V-EQXCBC@#_9HU7;5^,|V1]*KGX?Q'4_]XOO]%\-P-%';^3_KMF*! Q.>,;0>AH YVS^(WB*$R3QOKUKI9NO#]LDT3V>_RB[]2]-N.3S@<8[U0MC^(_CU=1\-PS:%1+G7[9EMK5)'616"@^8Y)(5,=V.3M!&)/M>(=/T\V=O9B+[]) M.7W9_NG&,?C0!Q=M\6=3TKPSXFO/$5I8RWVD:A_9\(LBRQ3RG/&6)(Q@DGTI M9INC_%;5$NM3EU0.7J6E66G&\DO-)254BES@0EG)#*$\ 8]?KC3D^$BR^$I]* M.M.+ ^35SK"WPMQQ-T *%CD8SWK5N?!>L.WX4U?1/$7B-;WI?&B1-!8I MN5. M|( )+9(7.3YXQ0!YUXFU3QCXI@\{Z=KUH5OIWB#489X8;4N9HXE(@63=P?E M<-QZ=[U9?&\&DZMXT\]P.:+.2Z@FH1;+8O'O#W4H&"KDL1@;0?E 5C\;Z#1OA MQ? VOB70[6V,NU1@B-3 MD_+AQ@GG(/%(M*\>(?&^O7%M=Z1-<2O#")93(9MX54CW95(LD^IX M]|GP_| #N?2_$6K;YJ6OSZG?ZE9BU>5H1&4]2N#@#A< #C'>LJU^$EPOP[NM?:|[XC:>V\U9+*1+14^S$.7.1G+Y+'.3],4 0^"_B)K_(@\66>G3+I-_97-_MLT\|FF)+_H#8RJ.[$]Q/ X[G\W?%J_+ $O\;'A?0["NH+ ?^T;S<&\V1'9H^ M2&*_|LL,"</>M8>#MWD\>6/B>YU)IVL],^Q1PM" 2Y)+2E@<9(0& *_2\NO&_CA/$<_ANTLM$EO[+ M2UNKZY(XA"LGD?\`j@0H /F^;@^W05$ M:A0$+/P;9C4<6WAR03,GD?\`S(_-]FY?FR>_6@#FM7\61:?XK\=>((M+L6 MG\/64%K\=N'+O))_ WS8VAN. #U?"?[=HNN:?+K1W:SJXU&YE%M_P LP#Z9JQJ&H>.=2^,MEIMC=:=$-/T\7M4D#23'%EU^#%ZNFZ7I5YXMFN-*TRJ6YMI,6:JI7> M696(-)8Y.">!D|<\=.G@F!M_B7<^++37#%!>0I%$4 .3\HR >!GK M0!QJD48^],^F>,_$NE M^-SX=\6Q:4PDTUM12?3A(!&]DY5MY.?NMSI/7B(?"+9X0LM+BUUTU2SU,Z1% M]{MA@$$YYC+'(Z=^WX5<@^&UU+%KM[JOB!WM7M6LFL?MQM@B6\I&-J1@_P!? MZY.5L_BEXUFTCP[KEQI&D1:,]>HK8^6#)YTVYF&Y!G"@ 8YSDC,&O:ZX=O MAS$8?!ML-0Q;>&V$AC\G_CYD"@\L[OEV!/?K74V=I?PZG[$]SJ7VDUG9#.VW MDJOV8!<,-PY;<>>>E ^^BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH MH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "MBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH MH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH MH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "MBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ** M** "BBB@ HHHH **** "BBB@#,\0WDVGZ!>7=NP6:),]2,X.1VK5+_A/O$/_M #I1_P#?E?\"O1O%W_(]:C_-R1SNI46[9TW_"?>(?^?]/_ORO^%'_GWB'_GZC_[\K_A5^&M!X0LVZ#SEB\UK;S1YH3&<[?ISCK610J5%[) ZE1;MG3?\)IXA_Y^H_|ORO^M%'_"?>(?^?]/_ORO^%A#_$^\0*BEMEGB$L<[G+4C(PTJK8:3/[*W#H_M26X!D>=|@7)P.OO4\E'LA\I7NS7 ._$^\0(4?_ Y7_"C_(3]Q#_5J1]M^5_PK$O]-N=-DC6<(5D7?')&X977U!%7D\,WK&.-Y;2&XD-*6TLZK(<]..Q/ MH<4W"BE>R#G]WM=EW_A/O$/_#]1_P#?E?\"C_A/O$/_/U'_P!^5_PK%M], MNKB]ELPFR>)79U?G&T$D?*

*7BF6UE-=Q7,D6W;,Q^,)DX^7(''YBG[*EV0O:5. M[-W_(3[Q#_S]1_]^5_PH_X3{Q#_ ,_4?_?E?*PGLIDT^*^(7R9)&C7GG(M)X_$5H'PS?[5"O:O,T0F$"S#$"I&[|O?*

CFDZ=%;I#4ZKV;+O_"?>(?\ GZC_ M _,*_P"%_"?>(?^?J/_ +\K_A6%#937%G=72!?*M@IDR>?F.!C\:OV_ARXN M;5KB.]T_RT0.^;@ H#TW>G)Q0Z=%;I 4U7LV7O\

A/O$/_/U'_WY7_"C_A/O M$/\ S]1_]^5_PK+M]%GNKJY@BGM2+=-\DIE'EXR!]H\144VFR17<-LD]M.\Q M 4PRAP"3C\/;CV=';R#GJIV;/_"?>(?^?J/_ +\K_A1_PGWB'_GZC_[\K_A5

M&;PU?1><(Y+6KO#SY14$ZLZXZ_+UXK'HC3HRV2$ZE1;MG3?\)XA_P"?J\/ M/\K_(4?\)\XA_Y^H_ ORO^%9&G:1>.I'/;JMO;S M7=0';P1#)+(VU57]33IE2UT6@>TJ=V=#_P

)\XA_Y^H_^_*_X4?\)\XA_P"? MJ/\ [\K_(5F7>AW%I!)*;BSE\K'FI#<*S)SCD?7CC-6%\,W#6[3B_TTPJP5 MG^TC >Z#/X&I*&]D/FJ]V6_^$^\0_+/U'_-^5_P */^$^\0_+_4?_ 'Y7

M_"L3^SIC;7=PK1O%:NL;LK9!+$@$>HX--O;&:P;$3!<31+,A4Y!5NE5[*EM9 M"]I4[LW?^$^\0_+/U'_-^5_P */^$^\0_+_4?_ 'Y7_"LH:)>&^BL\)Y\D M'GA2W1=I?

GT.:ITVF:'/JNT6]0:"1F*K%),%63:H&<=?K1(.C:]D'/5fLU_^$^\0_+/U'_-^5_P *M/^$^\0_+_4?_ 'Y7_"L>32YEOH:_&2"YFFP$^SR\QDG&_]J6>TJ2PC#MKW9K_/?>(?^?J/_

+\K_A1_PGWB'_GZC_[\ MK_A7.1123S)%$A>1V"JJC)\/:M9O#-]\Z)+:2W,8)>VBG5!CKQW(]!0Z=%; MI IU7LV7?^$^\0_+_4?_ 'Y7_"C_ (3[Q#_S]1_]^5_PK'T[2]H26=XY((XX

M%##2/-(84 G Y^M0WEJ;.?RC-!-QG=#(:7\O3]E2O:R%[2I:\V;W_ GWB'_G MZC_[\K_A1_PGWB'_)^H_P#ORO\ A6%%932V$]XH7R8&17R>A[T>RH]D'M*G=FO_P

)\XA_Y^H_^_*_X4?\)\XA_M_P"?J\/ [\K_(5E2:'?1:TNDNBK=,P506^4YZ'/I4-CIMSJ%PT-NJDHI9W9 M@JHHZDD\ 4O9T;7LA\]7:[-O_A/O$/\ S]1_]^5_PH_X3[Q#_P _4?\ WY7_ M

K+N]$N;6T-VLMO2WE#A">@/<56N;">UBM9) "ES'IYD94YR.D8^N1 M0[=)"KO>UV:?M_"?>(?\ GZC_ ,_*_P"%_"?>(?^?J/_ +\K_A6#%93663=QIR=H!Y5N4#Y//S9 MQ_(U

BEW5!U8X%/V-+^5"!H4[LZ7_A/O$/\ S]1_]^5_PH_X3[Q#_P _4?\ MWY7_ K,AT^IGUJ324$?VJ,L&RV%^7KS5>+3;]6>ZAV!9+5'DE5C@@+U_&E[M.CV0^>KW9M_\)\XA_P"?J/\

[\K_(4?\)\XA_Y^H_\ ORO^%9-EH\]Y:FZ\ MVWMX-_EB2XE"!FQG]:CBTRXFGNH4V%K6-Y),.",+UP1UH]G1[(.>KW9M?\ M"?>(?^?J/_ORO^%_"?>(?\ GZC_ ,_*_P"%95EHT[]9-

=B>VAA$GE;IYQH2-MQG S[5!?Z=:=;,L=S&%WKN1E8,KKZ@C@SOME%>NUD+GJVO=FY_P)\XA_Y^H_^_*_X4?\)\XA_P"?J/\ [\K_(5GWGA^>Q63S[NO2I-SO1>>

_3,,>M1V>B7 M%[9?:Q/:PPF0Q SS!,L #@9^HI^_M;^RS 1=YQL)&:F[-G_A/O$/_/U'_P!^5_PH_P"$^\0_+_4?_?E? M*YFBJ\A3_E0O:S[LZ;_(3[Q#_S]1_]^5_PH_X3[Q#_ ,_4?_?E?

YFBCV M%/\ E0>UGW9TW_"?>(?^?J/_ +\K_A1_PGWB'_GZC_[\K_A7,T4>PI_RH/:S M[LZ;_A/O$/\ S]1_]^5_PH_X3[Q#_P _4?\ WY7_ KF:/84_Y4'M9]V=-_

MPGWB'_GZC_[\K_A1_P]\XA_Y^H_^_*_X5S-%'L*?[\# MY7_ K,AT^IGU]#_ S]1_]^5_PH_X3[Q#_P _4?\ WY7_ KF:*/84_Y4'M9]V=-_PGWB'_GZC_[\K_A1_P)\XA_Y^H_^_*_X5S-%'L*?[\# MVL^[.F_X3[Q#_P _4?\ WY7_ H_X3[Q#_S]1_ ?E?*YFBCV%/^5:!6?=G3?\ "?>(?^?J/_OR MO^%'_"?>(?^\ GZC_ ,_*_P"%(?^?J/_ORO^%UGW9TW_"?>(?^?J/_ORO^%'_GWB'_GZC_[\K_A7,T4>PI_RH/:S[LZ M;_A/O$/_#)1_P#?E?\ "C_A/O$/_/U'_P!^5_PKF:*/84_Y4'M9]V=-_P) M]XA_Y^H_^_*_X4?

\)]XA_P"?J/\ [\K_(5S-%'L*?\ *@]K/NSIO^$^\0_+ M_4?_'Y7_"C_ (3[Q#_S]1_]^5_PKF:*/84_Y4'M9]V=-_PGWB'_)^H_P#O MRO\ A1_PGWB'_GZC_P"_*_X5S-%'L*?

\]#VL^[.F_P"$^\0_+_4?_?E?\^/ M$^\0_P#/U'_WY7_"N9HHJA3_)4'M9]V=-_PGWB'_GZC_P"_*_X4?\)\XA_Y M^H_^_*_X5S-%'L*?[\#VL^[.F_X3[Q#_ ,_4?_?E?*/^$^\0_+/U'_-^5

M_P *YFBCV%/^5:!6?=G3?\)\XA_Y^H_^_*_X4?\ "?>(?^?J/_ORO^%UGW9TW_GWB'_GZC_[\K_A1_PGWB'_)^H_P#ORO\ A7,T4>PI_P]#VL^ M[.F_X3[Q#_S]1_ ?E?*/

A/O$/_/U'_WY7_"N9HH]A3_E0>UGW9TW_"?>_M(?\ GZC_ ,_*_P"%_"?>(?^?J/_ +\K_A7,T4>PI_RH/:S[LZ;_(3[Q#_S M]1_]^5_PH_X3[Q#_ ,_4?_?E?*YFBCV%/\ E0>UGW9TW_"?>

(?^?J/_ +\K_A1_PGWB'_GZC_[\K_A7,T4>PI_RH/:S[LZ;_A/O$/\ S]1_]^5_PH_X3[Q#_P _4?\ WY7_KF:*/84_Y4'M9]V=-_PGWB'_GZC_[\K_A1_P)\XA_Y^H_M^_*_X5S-%'L*?

\]#VL^[.F_X3[Q#_P _4?\ WY7_ H_X3[Q#_S]1_ ?E?*M*YFBCV%/^5:!6?=G3?\ "?>(?^?J/_ORO^%'_"?>(?\ GZC_ ,_*_P"% M\Z/_,@2P_Z]H_\

T$5Q08VG&*7*K'5A9RDW=EVBBBO/.T***** "BBB@ HHHH M ***** "BBB@##%)?:\BIJ/_7+_^HKQNQ@BN;^"&:98(GP?:-!U=TNI'R%> 0U'.&"1H'POU/ZG-<=$A

M5XD)$;R2X^8C@XZT+<3);R6ZR,(9"&=.S$9Q_,TKW4[VL=]TK&"-BR(3PI/4 MUTP@XW1SRDI.G7(LB?$V>23.Q9))'8]!'L)S],5Q=7WUO4Y++[&U[,8-NS9G

M^'TSUQ[50ITX,,_DON".-=HC)_,MG/7VJE MHTT+Z1KU[&L;B\G6-PA),G8D'/M6#/W2)VUVWBR]BV.T\ERQC '+ GY2VCMGD9H8B61#T4GKC\]

MO1^(=7BMA;QZA.L:KM4!N5'H#U%"A*.P.2>YT?FQ-\0M0? D18)0X4XW$0X; MGZ@U2T^YTZ;2M:6ST^2V<6>2S7!DR-Z\8P*YN"YFMI3+#(R.5*EAU((P1^1H

MBN9H$E2*1D65-D@'\2Y!Q^8%+V/Z?@/VGZ_B:US_,B98?\-7Y-_Z"E=$MQ9-MKXGL(!.3?;9,6&-+E),B,M$!NV8YP#ZUP[7,S6R6QD8PHQ=4[G&3^@]I_PD M.K_9Q -0G$84(

&Q\N,8S1*DVOQ_.!"-1+\"[91>1H/B*+<&V&%=PZ'$N,U' MH\ R =>_P"N$7_HU:R8IE,*:\):)&6*\'F*.C8.1G\:(:(E;&&:.*.1ECF 611 MT8 Y&?QJW!Z^]_0GF6G]E=S;\-/$EMK(+3QO&6(6?

S(&VD_.O?M5.UDMI=>L6M;M=H(_.C&QI-_.XG2M)9SO"[+M8KW!3KG5+ZJGBGN+EY)8ON,>[MVJIR@8 ITE[%%?-LX*&= #)5'LGKKN7]1:,,;$?DRYD_=/\ NM_Q_"GY>;<<^G-

;%M_R)M_\]?D/_H+U4N]V$C"%V#LG8D9P?U-:-2:U(32>AK6'_ "*>L_\ 76W_)O5_3;,_I. MGQN>,"Y\]<^D#9?)^FUA^-N",']":+.YFM+A)[>1HY4.59>HH=/11= MK IZIOO!

MS'+&=RL.H-36>I7NGRO):7#Q/(,.5/4=:)P;O\OS,TK$T5I%Y&K0WFF6S0M$ M0Z1LWF;5[.!(.2.98YH"VZ-BV3E#U!3I6=+/^H3W<5W)= MRFXB&$0!P5^F/K1?:M?

ZDJ++W4DJHCE=TT'.K-%[PBRKXGL[Q M)WJA/!\HP7]<4GAR'Y'BNR3;ZR13AI<\%5!^;/IQFL8$JP9200<@CM6C/X@U M:YMVMYK^=XV&&!:EAZ$!3^-$H-MVZJP1DDE?

H:NF26C6?B226.1!4[!"%B8*Q M!E&,$@X[=]Y^[:U:X-8R7,R6\EN\C"&4JSH.C$9Q_.U) .;%V6MF,]EK7'DDG ME,'(Q^-1[-\S?;W3+PCW> N?_02?R-8.G*TGAS7HX03 M-

NA=@.IC#'/X S6/;W!W:WGVN"X>.XR3YBG!YZTEK>7-E<'XMIY(1A_&C8- M4)4FKV\O\Q^T3M?S-?1`T>B:Y-(\"+=K=8P3T,A<%(<@8]_I4#:!HECYO*Z7>_M%Y/:$J7.?

Q0_G7/WVK7^1*JW=U)*J]N;2.,:"=XTG39^%/W ME]#3=-M/O_2$II-=CK[:=M0CL_$X.IJF=9?P0MXW^63V:SN+9V#M%GY2P[XJ%6*L&!P0<@U4(.*:9,1)M,Z_)'CK62.#Y M=U_Z

U36V-4T^]UI,>:<=/E@O /\ GH -K_\ @/S!KDO[0N_MW-K'-'!.\;3KLE53PX]#6;1.WW%JHC3T[4(5L4T[4[*2>S>0O M$\9VR1L<

E3T/3H:O6FGC2l8U^R$GF"&PF4/C&1@'\ZQK/6]2L(/)M;R6*/ M0H/ /[/3*KI>7,!H9;^5XW78RDCD8QOB9N MG:BU,C>0'@,@3MN(QG\A25-\JB^@W-FJ7T=Q#<)=2K-"@CC<-

@J MHZ#Z47VIWNI%#>7+Rf/NACPOT'2A0:.\@[+M%%%>8=X4444 %%%% !1110 4444 %%%% %/5=/75- M+N+\%I#&)EVEP,XYKC?\ A6%O_P!!27_OT/\

&N^HK6%:=-6B5.=*$W>2.[X M5A;_/04E_[]#_&C_A6%O_T%)?\ OTA:\ZBK^M5NY/U>GV.[X5A;_!\27_M +]#_&C_(5A;\ +04E_[]#_ !KOJ*/K5;N'U>GV.[X5A;_/04E_[]#_&C

M_A6%O_T%)?\ OTA:\ZBCZU6[A]7]HC@?^%86_\ T%)?^_0_QH_X5A;_/04 ME_[]#_&N^HH^M5NX?5Z?8X'_(5A;_\ 04E_[]#_ !H_X5A;_P#04E_[]#_&_MN^HH^M5NX?5Z?

8X'_A6%O_T%)?\ OTA:\ A6%O_P!!27_OT/\ &N^HH^M5 MNX?5Z?8X'_A6%O\ ]!27_OT/\:/^%86__04E_P"_0_QH_M_P"%86___$%)?^_0_P :/^%86_\ T%)?^_0_QKOJ*/K5;N'U>GV.[X5A;_!\27_ +]#_&N^HH^M5NX?5Z?8X'_A6%O_-!27_OTA:/^%86_P#T%)?^_0_Q MKOJ*/K5;N'U>GV.[X5A;_!\27_ +]#_&C_(5A;\ +04E_[]#_ !KOJ*/K5;N'U>GV.[X5A;_!\27_ +]#_&N^HH^M5NX?5Z?8X'_A6%O_T%)?\ OTA:\ZBCZU6[A]7]HC@?^%86_\ T%)?^_0_QH_X5A;_/04E_[]#_&N^HH^M5NX?5Z?8X'_(5A;_\ 04E_[]#_ !H_X5A;_P#04E_[]#_&N^HH^M5NX?5Z?8X'_A6%O_T%)?\ OTA:\ A6%O_M_P!!27_OT/\ &N^HH^M5NX?5Z?8X'_A6%O\ ]!27_OT/\:/^%86__04E_P"_M0_QKOJ*/K5;N'U>GV.[X5A;_P#04E_[]#_&C_A6%O\ ]!27_OT/\:[ZBCZU6[A]7]HC@?^%86_\ A6%O_P!!27_OT/\ &C_A6%O_ -!27_OT/\:[ZBCZU6[A]7]H

MC@?^%86_04E_P"_0_QH_P"%86___$%)?^_0_P :[ZBCZU6[A]7]HC@?^%86_M_P#T%)?^_0_QH_X5A;_!\27_ +]#_&N^HH^M5NX?5Z?8X'_A6%O_ -!27_OT M/\:/^%86_P#T%)?

^_0_QKOJ*/K5;N'U>GV.[P"%86___$%)?^_0_P :/^%8 M6_\ T%)?^_0_QKOJ*/K5;N'U>GV.[X5A;_!\27_ +]#_&C_(5A;\ +04E_M[]#_ !KOJ*/K5;N'U>GV.[X5A;_

/04E_[]#_&C_A6%O_T%)?\ OTA:\ZB MCZU6[A]7]HC@?^%86_\ T%)?^_0_QH_X5A;_/04E_[]#_&N^HH^M5NX?5Z?8X'_(5A;_\ 04E_[]#_ !H_X5A;_P#04E_[]#_&N^HH^M5NX?

5Z?8X'_A6% MO_T%)?\ OTA:\ A6%O_P!!27_OT/\ &N^HH^M5NX?5Z?8X'_A6%O\ ]!27_M OTA:/^%86__04E_P"_0_QKOJ*/K5;N'U>GV.[X5A;_P#04E_[]#_&C_A6%O\ ]!27_OT/\:[ZBCZU6[A]7]HC@?^ A6%O_P!!27_OT/\ &C_A6%O_ -!2 M7_OT/\:[ZBCZU6[A]7]HC@?^%86__04E_P"_0_QH_P"%86___$%)?^_0_P : M[ZBCZU6[A]7]HC@?^%86_P#T%)?

^_0_QH_X5A;_!\27_ +]#_&N^HH^M5NX? M5Z?8X'_A6%O_ -!27_OTA:/^%86_P#T%)?^_0_QKOJ*/K5;N'U>GV.[P"%_M86___$%)?^_0_P :/^%86_\ T%)?

^_0_QKOJ*/K5;N'U>GV.[X5A;_!\27_ M +]#_&C_(5A;\ +04E_[]#_ !KOJ*/K5;N'U>GV.[X5A;_/04E_[]#_&C_M_A6%O_T%)?\ OTA:\ZBCZU6[A]7]HC@?^%86_\ T%)?^_0_QH_X5A;_

/04 ME_[]#_&N^HH^M5NX?5Z?8X'_(5A;_\ 04E_[]#_ !H_X5A;_P#04E_[]#_& MN^HH^M5NX?5Z?8X'_A6%O_T%)?\ OTA:/\ A6%O_P!!27_OT/\ &N^HH^M5 MNX?5Z?

8X'_A6%O\ ]!27_OT/\:/^%86__04E_P"_0_QKOJ*/K5;N'U>GV.[_MX5A;_P#04E_[]#_&C_A6%O\ ]!27_OT/\:[ZBCZU6[A]7]HC@?^%86_04E_P"_0_QH_M_P"%86___$%)?^_0_P :[ZBCZU6[A]7]HC@?^%86_P#T%)?^_0_QH_X5A;_]_M\27_ +]#_&N^HH^M5NX?5Z?8X'_A6%O_ -

!27_OTA:/^%86_P#T%)?^_0_Q MKOJ*/K5;N'U>GV.[P"%86___$%)?^_0_P :/^%86_\ T%)?^_0_QKOJ*/K5;N'U>GV.[X5A;_!\27_ +]#_&C_(5A;\ +04E_[]#_ !KOJ*/K5;N'U>GV

M.[X5A;_/04E_[]#_&C_A6%O_T%)?\ OTA:\ZBCZU6[A]7]HC@?^%86_\ MT%)?^_0_QH_X5A;_/04E_[]#_&N^HH^M5NX?5Z?8X'_(5A;_\ 04E_[]#_ M

!H_X5A;_P#04E_[]#_&N^HH^M5NX?5Z?8X'_A6%O_T%)?\ OTA:/\ A6%O_M_P!!27_OT/\ &N^HH^M5NX?5Z?8X'_A6%O\ ]!27_OT/\:/^%86__04E_P"_

M0_QKOJ*/K5;N'U>GV.[X5A;_P#04E_[]#_&C_A6%O\ ]!27_OT/\ &C_A6%O_ -!27_OT/\:[ZBCZU6[A]7]H MC@?

^^%86__04E_P"_0_QH_P"%86___$%)?^_0_P :[ZBCZU6[A]7]HC@?^%86_M_P#T%)?^_0_QH_X5A;_!\27_ +]#_&C_(5A;\ +04E_[]#_ !KOJ*/K5;N'U>GV

]!27_OT/\:[ZBCZU6[A]7]HC@?\ A6%O_P!!27_OT/\ &C_A6%O_ -!2 M7_OT/\:[ZBCZU6[A]7]HC@?^%86__04E_P"_0_QH_P"%86___$%)?^_0_P : M[ZBCZU6[A]7]HC@?^%86_P#T%)?

^_0_QH_X5A;_!\27_ +]#_&N^HH^M5NX? M5Z?8X'_A6%O_ -!27_OTA:/^%86_P#T%)?^_0_QKOJ*/K5;N'U>GV.[P"%_M86___$%)?^_0_P :/^%86_\ T%)?

^_0_QKOJ*/K5;N'U>GV.[X5A;_!\27_ M +]#_&C_(5A;\ +04E_[]#_ !KOJ*/K5;N'U>GV.[X5A;_/04E_[]#_&C_M_A6%O_T%)?\ OTA:\ZBCZU6[A]7]HC@?^%86_\ T%)?^_0_QH_X5A;_

/04 ME_[]#_&N^HH^M5NX?5Z?8X'_(5A;_\ 04E_[]#_ !H_X5A;_P#04E_[]#_& MN^HH^M5NX?5Z?8X'_A6%O_T%)?\ OTA:/\ A6%O_P!!27_OT/\ &N^HH^M5 MNX?5Z?

8X'_A6%O\ ]!27_OT/\:/^%86__04E_P"_0_QKOJ*/K5;N'U>GV.[_MX5A;_P#04E_[]#_&C_A6%O\ ]!27_OT/\:[ZBCZU6[A]7]HC@?^%86_04E_P"_0_QH_M_P"%86___$%)?^_0_P :[ZBCZU6[A]7]HC@?^%86_P#T%)?^_0_QH_X5A;_]_M\27_ +]#_&N^HH^M5NX?5Z?8X'_A6%O_ -

!27_OTA:/^%86_P#T%)?^_0_Q MKOJ*/K5;N'U>GV.[P"%86___$%)?^_0_P :/^%86_\ T%)?^_0_QKOJ*/K5;N'U>GV.[X5A;_!\27_ +]#_&C_(5A;\ +04E_[]#_ !KOJ*/K5;N'U>GV

M.[X5A;_/04E_[]#_&C_A6%O_T%)?\ OTA:\ZBCZU6[A]7]HC@?^%86_\ MT%)?^_0_QH_X5A;_/04E_[]#_&N^HH^M5NX?5Z?8X'_(5A;_\ 04E_[]#_ M

!H_X5A;_P#04E_[]#_&N^HH^M5NX?5Z?8X'_A6%O_T%)?\ OTA:/\ A6%O_M_P!!27_OT/\ &N^HH^M5NX?5Z?8X'_A6%O\ ]!27_OT/\:/^%86__04E_P"_

M0_QKOJ*/K5;N'U>GV.[X5A;_P#04E_[]#_&C_A6%O\ ]!27_OT/\ &C_A6%O_ -!27_OT/\:[ZBCZU6[A]7]H MC@?

^^%86__04E_P"_0_QH_P"%86___$%)?^_0_P :[ZBCZU6[A]7]HC@?^%86_M_P#T%)?^_0_QKN+2W%I9P6P;<(HUC#$=<=#&:FHK.=:=3XF7'G&'PH*****S+" MBBB@ HHHH *****

"BBB@ HHHH ***** "BN-T+QW:/X*TW7/$5U;63WLTT*E5 M8(61Y .N#MC/4\GZ@5NZ)XDTGQ$EPVF71E-NX2:-XGB>,D9&Y'.89'3CF@# M5HK$UGQ;HN@7'D:AX^RF%&E:?(R-

BH"S<<|\"@#:HKB?#GC6VU";Q5]%SJ<)T73[E,03,H58X_ M)1F!X!SN+<'G/'M3+7QQ\IK7CS2=-TB^+VK:A#96 M>H[Y!^07@DC2?'7RW90K_\

2;BO/B%X5L+F:WN=659+>4PS@0R.(6'Q\Y" MX09XW'/KQ0!T!%5KZ_@T_3YKZ=F\B)-[%$9SCV"@D_@*YKPW\0=)USPC_;!MU(+".*)9+H2JX2(MG

#LH#]/X<]O6@##KJ*Q=&\6;+K]S+.Z?=LUS$@D>";"2 M&38> P615)7W Q6?XF\8Z12-Y2!&((''J=Q)7&!R,YZ M4 =517"3>/+72_&VJ6FJ7(IZV-K/:PK,.\F6\PNVU5+D8"YSP/:-

=\<>*ML M=&M=&M=6DOT:RN]HMWB5I#,6Y 15!9CUX SP;-BBL_1W%G>ZCMNK?!FAC@DD=-5#;B%&G;@=EN M@<8W-_AHK"U#QGX>TNSlKN[U,)8+Z,R6KHK/YP&/N[0X

#*\/E2$CD9!W*.G.1CV]]+XPTS4?#6L7^DZI%"^GQ,99+]VD'VSU/4%&GRZ,EPD<5N7:6(M4T=$ECDM)O+B=H9-)0(PS$DH F"2,$\)KR.M7=/\;>'M4U"*QM-0WS3%A

MQAD6.UW=2K'#%%999&X"[!DD^V*)Z*P])\7Z)K=^UC97 M4ANA\YHBFMY86=,XW+O4;ADCD9J&/QUX;FOWLXM1,DJ,Z[D@D,,@)95<+M9 M@^ > 2>*

.BHKA-.(^(EIKWA;5IZUF73KFR6=O,N+>5XHT1RH<_*,Y_!*CD=.U M=5IVL6=[<36,=TDM!:1Q/<*J;H D7*L,]C@\]"<=.M &C17+#Q;8W-_8W-IJL M#9Z9-9W%P8A:RM+*

(F"'ET('0'&,G(QFL]R<EOKW@6[U>TN(!+NH!F1XJVEE MBA'FE ^8E\ADM1,1/.TJ@ EE6,,2 ",G&!F@#;HJ*VN8KRUAN MH'WPS()$;!&5(R#@^U<'XB^(^F%+.WT+55:

]DU.VMRWD-LE0S*D@1V7;_!,= MJ)% 'H-%8&I^-?#^D7TEG>WY2;$*9RD,CI &Z>8ZJ5CS_M$51O\ Q_ING>-(_M/#TR2D2VQF,Z12. VY]@*A!!#9W

X&,&@#K:*YZ]\;^'M/U!K*ZOVCD240N M_P!GD,2<8M5IVL6=1'W# (#YD3!9,.S'Y6!*\# M';GW_LHKFHO%VGZ=H.C3:O=N;R]M(Y1'# \LDAV LP2-

2< GDXP,U:G\?:# M,Z##K;ZE&=/G8)#*BLQD.* -NBN.\+^+!XC\8:],VEX) M]-M,>U:%#%L:-V\S>&! 8'Y1PW3%;^L^+-&T"<0:A1)HNHBX:615#B51%NCV\$Y+$8"\DG%

M;5GXOT"^T>[U6+48ULI-BMR\RM$82.SJX#*>1P1SGB@#;HKG,/QUX=ODNS#?M.K6ENUU+'-,2Q.(AU<(RAF7W4&M&37M,BMM.N'NU\K4I$CLV52?.9U++C [@ M$Y/ [T ,-

%<>*WC?PZNJ?V<=1_?>?]F+^3))Y0EZ>7YNW9NSQMW9SQ3_&6OCPS MX2U+51S+!;N81Y;.#)M)4'..!DP24*P&W]V$+=>2SX)X'TH ZVBL/2?&&@ZW<7$%A?AY;>,32

M+)&\7]O^^-X&Y?\ :&1{U!%XPTK5=,OY=*OBKP6KSK//:2K%M .)!E!Y@_W M2<_C0!T=%1QD9K\,;>- M+:,\T;7M9U+4X6TVUU66&WN %)D!-@&!EB2W'4DG%

';45AVGC#0[VRO[N^\ M98]/C,MVLT$D4D*8+;C&RAL8!(XYQO5>+Q[X9FLKF\BU+?;V]I&TBP2$.SDA M5C^7]X201A,]* .DH]GIFJ6FL68NK-I&BW%2)(7B92.H^N P/U%9?C?

7+KPW MX0OM6LTB>X@,.85902IW2*IR 0>C'O0!T%%-O#VB7LEG?7Y6>) \RQ022B%3T,A12$'?YL5H6^N:9=ZBEA; MW:2W+VJWB*F2'A8X#ANA&?0^GK0!H45BP^+=^"N-

$BUF'4$DT^686%M.N9]>YU54EMY3%.!#(PA88^^0!"CG[QP.O//H MZ;BF;//(:1*&&W<".0>*Y4!/'MBW@O0U8\0W5O9W&IQ%E5$;;S@$D*.3G X& M'!O1KO5H115;.S;9<-

+&\;1-Q\K(P# G(P,_TW4%L_+NH8'DOK*9=I9U&TQD*V6# XQSF@#IZ*Y_67&F@=Z)>/8WNH M+%=B,2.HB=Q$IZ-(R@A ?5B*S/#GC<"/P#H&K>(+-W-Y?P*<1PEY)GQD[8XU)

M//' XH [.BL/_A,?#XT5=8;4XDL#,+: .CHJO#>VT^GI?I*/LKQ"82-E1 ML(SDYZ<>M9.F>,]!UC44L+.\6(2].I0NH#@9_A)H WJ*P;'QIX M?U+4VTZSU$37*>8'58GVQE"0P9L,5.5/!

(R!D9%)IOC7P_]]_'965 ^7FF#&# M=!(B3A>IC=E"R8Z_*3QS0!OT5GZQKNF:!:QW.]WD=I!)((EDDSMW$>$SXVX4] M:HV'C+0-

2M=0N+:.^.S3XS+=+)#)&\28+;BC*&Q@$@@X9'6,!L@88@!N01A<\\=:ETOQ;HV27%OIVUQNH8_-:&:"2&0 M*>C!9%!*Y[@8H

W**X'PA1=,U;0M#@U/55DUF\B57;R65'F(SLWA1&'Q_#G M#M3O%/B>_,P!-\/>*K]SU2V,^G7$$<82W(:V#&/*N?RK$ARA8 .N>ZDBN=;XCVVDZ7X;>^N8]1?5)2LE

MU:6LR1A/G^=5VL2@Z685NKN0/-"+A8X[:61UB/\;]MJDHONP'?TJ34/%NAZ9]IG7?-^A>O!0!M45R7@>OQ*W MB6_\121WB7-C;WRQ6C*@&U#"C$=

<[BW7D=.U9EQXKEOOBDN@<K7%E:VD,;M/%'8E_M,I=MR,[(=J;5'S CDGGB@#"T'BN>TWQQX;U>::.QU-)?)A:>63RW6. M-

%QNW.0%!&02"UJ_CLK&_+7$JEX5D@DB$RC]8RZ@:,_RD\HX]HI_B[0]?O9K/ M3;X37$2"4H8W3<+=I75E\N0L%VN"_H+M#UV2YCL+X/);O)4EB>(JAZ/AP,KQ]X<55LO'_AO4-

1MK"UOH+BZR;M\]'2T5SUOXW\/76J!:;%?MY\TABA9K>18Y7&CW7[K)-ZQRE.UEE2-VQA&9%*ACD?+G/-`2455]>(X M(=2UF6ZU.W_L<]QLX;MHA;R++)C*[%Q)^]D*< .#

(QS3]-|;.^'=7U1=.L=266Y M=6>,>6ZK*%^]L<@*^.^TG% & _17,7'Q"\,6U\]EDU"0R>>;<-':32(THZH'5 M"I88.0#QBM#Q-]$FEZ')=Q7UO9,LL2^?<0M*@W2*N-J\Y.<#T]H

UZ*Y]5?' M'AW1;Y>SOM0V74"JTD*022.]D9W852=N.IZ#OBMFWO[6]T^,_MYEFM9(A*DL M?S!D(R",=>* +%%>?1?$>#6_"WBBXTT2VU_IL-XT!:%R"L0(23+H%!)P=AY'

M<5K^&_';BZTNGV"ZDLNIS6P K>?3;D26NN233QO V8ES<$.P-M(^4M==I%G =6O]-M*U"2WLM-FM+F**V>26UD<(58Q@;L':5.!QFO7**_/'KO2]6U71_&5W#H5[#Y

M^K6E|%931,'N8HQ$S #I20!..N>#SD5T%Q>RZ_]$S1=4MM&U.WL8-/NHGNK MNT.$%V,9"X8 C&#R< Y,.X->@T4 >1V5C]&E^_?`5S<;9?DZ9JTW<$=L[S1 M(5F7<8P-

W!9>W>M/7M'U+7M9\4&RMKB(:CX9BAMY)8VC#2%I3Y9)Z-A@"_HS MS7I-%`F4US/XHB*:59:'J=E-IU];75TUU9O#':I"#N4.P 8G[HIVR#FI%T-MB_X0KXCPG3Y_M%

J=W[6Z>2=TX,("%1C+9/3':?I7I-% &?I$4B^'K&*16246 ML:LKC!!V $&O+[&UU&;X7Z%8+HVI&\|/7MK->V*6>\|M7MS,\A3;&]N Q"[22<8S5CQOY M]KK'A;5UL[NYM;"^D:X%I

TSHKPN@;8H)(R1G KL]* .0TBUF?XEZW]3V72=1O%E6S^O96IG.X0\(0N2,YX)XZY(KTRJ-KI%G9Z MI]&10HPN,\GFX8L2&V+M7 [<4 >=>`?#6I;,)\.H+VP=917SW&$WK;-

(N\% M9N@(SM'TXK6FN92"_P 0I;U.^TW4;]SU:UMA;7%E:/<>6T88-&P0$KDL&'$# MZUWM%`E%CX?U./3_#.D^E'31^.XHFU\K;RIWV2%UF90^.A<97Z$XZU\)2:5?

MS7GQ&."PN76\T2". I"Q\^0), "JX'S,.@8'/(KTRB@#S>>:XT+QH^JW.C:E M<62^'X[5Y[6T:4PR>83@A1GH.< D9&>.:SK/1M4:PTN\,3+]$?GC$ZF+=HCO MMX&5P&D

^YZG/3=7K-% 'GZVU'_;.CG1OLE\^K*I[*%NY@(-[$R9 -JD.N M,$YZ5F>&=-ANH_#NGZD.BY;S37A?I'/9!;"6-<9\]T1!2G4##G(->L44 >+W MZZ.?

#3Q!X/;P[JMUJS373*\5FS13J\K2+*),.3P0,9W9&,5ZGK!COSVK5HH \ITB+4|5|<:'>M-XAN4CL++J.>YU'3Q;1 MP2NJ?*@$;$<@IXMO."9IS"%#'H"=I/O@URRV[_)\&-6\-

#2=2&J69=6B-I)B3= MOBBRO+.WE^PW<-@T\@#MN,4R*A)P=K =!R* M|0HH Q=-_M;4O!D U.-;75KBRQ,J\".5EY^G)_"O-5>]G\$>%_#:>&M62_TN M^L1=EK-A'#Y(:

M79B>&YBD0#:6J=Z16-I4@D< 8K=N(&\/>,_#5TMAJ4^G1Z.^Q'=NT5QONB*B M38#C(4\,@UZ!10!XUXWE\JZSIOB739X!?-PV2QL+'3PUM+;@J5D:4H2Q."_M2 X.> *Z+7M-

OIM>\:R165PZ7'AM(8&6)B)9,3_(IQRW(X'/(I:]#HH \FN- M,O\ 3-IT4 <-X2:XO?'OB?5VT]]-ML;.IK0/=0&(S;/-!.#R#TX/(&,@9%,\4:CK;?BAK(R:U:Z4;-6MWTBQ6=[MB <$[

M/I7K]% '_B1O%WCO1M0MM+OX-/TVVN5N9KZT>W\TRJB(*X!;&"3QC@# M-$U9/$]MIFI6=Q'IOA59X[&XE0A;DRL1$RD\-LBRIQT+5ZC10!XOH^@F+0E\ M+Z_-XM$R73!

[>ULP]M+^-+K(HB("GAB2X(:.|)<6]WX"\06UM#)-/+ITZ-M1Q]69V*$ #DD^E;|%`'GM_'=:+XB\;:-5=>W5A!I.-4ATF\2+6S%K9R0,)I%B,:M(8\9&[G@C:%R M:]=HH

155%"]`J@8 P *\HO]%&;PCXNTUMI[W/BA)HXO(8F6+S;/I]Q<6(T&ZAF,41(QQ@#/->J44 >7V*W?AO6/ M#&L7VEZA-:?|

(W'I]BVM7FDMIP48AD4%AD<9QU7!K)DT76,SPS>WB;7J=D8O M%\U1K.*)1<&#:/F12"K,-VI'/*D=17LU% 'E\FFP:CH_BF_LG\37^H3:)+9J MV169AW@JY5$7RT++-N)

[']K6UJNGV*>_-%M=0M-4B6W6W,;;9 S3617;44 <-H7BC4-/T"VE\0PWD\EWJPL+%VMA##/&Q^222,XV!&)X!P MN<5<^)ME6UW-"KSVNXP M.W\!88)'OCC/N?4U8H

XGP]97WA+6YO#:6L\`@^7"O<:;<(A86IZO Y'09)*$ M-2N,DU@6FBW\7PC\'V0TVY2[M[^QEE@\A@\)P69EQD8&22:]5HH \B]Z;PG MJOBJVU#1-

4O7U&^>\M)+2S>=+E&C51&64$*5*D?-@&.P]0\/>(O"_@SPMG6O8[*_/)=(\)WVE>,[+PQ%93_P#" M.65RFL)<^6?++K'(Q'NZ;O-S)CKWK4BTF[_X17XD1-

I\WG7MU>F!3"=TZFW4-M*5&.L"<@8[UZ-10!EZ-%+'X5T^&5'69;*-61@0P;8-01ZYKS[PIHVH1Z7\,8-M[C3;E39-,;E9(&'D'R) I<$?+SC&>^*]5HH

\XOM*BDU;QU_.NI?ZE)IMW)8E M&LX',C%8Q\\>T98HP4G;&,G:L^[_P"$AU?P,J-M+'J6H6T,JV7IGW%S9&&Y MBS#T3.7CV@X?GYMHR 37J%

'G0N+CP]XK\61W.B:C?'5WBELY+:.V;J3 0B, MQL_W4P0?O$#!S7.V>BZKIVD^!M0N8]:M(+/39;6Z_L^WWW%L[%2"8RC':=I!-MPN1Q7L]%'E=[H,5QX7+.?;ZW>_,?$-I*

ZY;ZG;QR?9+[2|)KD+NQF-U"L"&PIPP XX(KM:* ,'3[O7I/ M L5Y=V48U\V)D-MT4S[\"0IYXR<9YXS7!:. =8U;QCX0O{MO$-U)!YYOC>Z<+>
M"UD:W8;5Q&I^]QG+#ISDUZW10!YYHF@7TWPU\2Z9';/:7U_<:D(_0QEB[N$ M8Y[$;<'TQ5#PU8V]]<>'K>^D\7?;-.99!;7=D({>VD6,KS((E!?!(&&.O6S^1& 6? .O4 M\5>H
\]UK1{T?'#CPRMKITLK:7+875Q81IAY$CP70*>K#KCU%2Q2R^)_'MA]] MEIU_;6.G6%Q%+/>6KVYF>4IMC57 8A=I),.9-=[10!Y7;,-?Q?"CP79C3;E+
MJVU"PEFA\A@\(6)=79EQE<#))/OFF>(]'U:XT;XB10Z9@P?2O5Z*-//X[F?QX_\/7MKI&HV5O1$-R;]2|M6A :1 BQ+GASD M9)7(X'-8=E8ZAI?@'P%
<7&F7Y.F:AYMW!';.\T2%9EW&,#=P67MWKURB@##RR M^@NK+QS]NK7,WB6SL=6M[.2VETRR\TY1"ICE7RG9&!.0, ?,>]/CTY/"FH>$ MM2MM.U>YT:TLKFU*M,-+
<6S2,K]SQH,C."O XX!KU"B@#BO 4=TV!^*KVXTN MZT^.\U)9H8[F+8S(88QN].2#GT.0>0:M6=IXK]Z* /+[!PU]5S\|\)}$@LWM]2F@F/D2)Y;,WG,VT@XP6''/K5R
MZO)/%^L^%XM/T74[(;>"\NI;RS>|;=5C9?*!$ =7C9?*!8 ,,26 ^7(P,UZ)10!Y/=:,'? M/\(0$-C_ &7<-=7&K3RK!Y+!*R>;P$,%QDC:,Y\!Z5UEU97'_ M/2KR.VD^R MH%Q$\RQG8K&2(JI,H#P2!
[&NLHH _|=:?>+XKT6E?5DL+>&X@FETN$2S0 M,^PAMA1R5.T@D+D>5EWNA13^%I)--@UR|:IU^SN+@2C:E)) LD09_+V+A-}\ MDJ.A->J44
>>^++>;+O7[VHO;'[&/"ES$T\@*Q%_,R$9^@,,GUQFL7PC<2Q: MEX6D\0MJL30VQM-*%QIRP1EWC&0S]IV8JF!D+T/&;|5O;*VU&QGLKR%9K:XC M:.6-NC*1@BL2P\%:1I]
[;70:^N7M,_95O+V6=(.,9178@'"&>N* //&E\1:Y M<>'FU*/7WUH9KRS_L\1V=HBR$95]F7&"/F#MP23BJLT\TC>)DO?[27PR= M:EN;M[.P69"(W4DB;S-P&4!;"'!! /%>WUR_P
/|!GDN=RWJVUU"TL!E'?2 MK;RNQRO,8,;R2.AI* ,;UNQO+Z;XA7%K;7$T-_H,"VCI$Q$[>7-PG'S'YEX M'/(;TIW3;D.G\/FBLI1 9NXG+1'$"FU9?FX^49P,>^1<*HBHBA548 P
M*4C(P>E 'AOAV9-+TF;66U&'P|:.HUW"\5@I@$AF78?$A9HMS\'8,Y'.*] M'^(U11^&?'^@OI MFHB]FEU.Y@/Y5S',DN2FQ);68[ON@YX/%:EUIET&^'GE6,P%G,//V1'|POV M5U.
[CY1G Y[X%=Y10!XQ;.&8=.U3PYKTWBT&>\G)AL+,26]RDDA=7601-C((MSN8$$=]]F5=]ANPTCQ=9ZIJITN6RU#3K\Q>?'!?P",RQ@X M+*02#@D9&27," $9@%4+U)Y}Z4
8/A?6]4NK M+X:-/]%Q(U^MT;LM(3Y^V%RN|UP0#727'Q&T>W:>4VNI/IMO,8)M4CMLVT;A MMIRVL/PUX8UFQM/AVES9-&VE+X(H@\6Z9=1Z"\#2R?VXS>|EN>
!P?<@5R?MB;P?JDOB32TTV'SM,O;>"RU9RX4K'!*LBL03R67>G&>M2^#?"VJZ;KMNVU"W M":7I:30:0V\-O2>8R,< Y&T!$YH NZ=XWT_3O"^BW5[>:AJ+:.C+++#!-]D'FR
MNIYK1MO'6D2Z5]M]6]W#MEC) *_*'<]LC&"< MUS6A>&-9M-:\"13V3(^FWUU+=C>]\[768*>O.=R],],J>-]-O+6W\.C'2-6L[L0"X(NX%0",D@ M-D,>I\'UZXJ]K&NC2)
(HTTO4[^212VVRM]^T#U8D*/IG()*X]Y+PL\^G>-/L^O M6V'6;>6NKJZAG7R8F!*#RE7;RX.2O/K5WQ;;ZW+XALVCM=6N]$^U.&>5 M"WD^T-AM+M00I-N<C*[*-
%_':CCP_8ZQ%]IG2_D\FUMHH29Y)02"@3L1M M;.>!@\UDZ_| $*?3K/2I{30M3WW6I)9SPW%H0Z XR!\P!<@C:02#SZ5AZ5X9 MU_1?#_A:^&E//>:.J%[)/8+<*TCQ3-*-RNQPS
,IY()R>AK=|1C6]=T+3K^/ MP_<0SV&L6]XMB\T9FEAC/)X;:&Y/R|NW7G% %]_\5PZ?]!7=S+]4<,6BO?R: M;]F3*JLB@N3G.|
XVYQC)K:F\16$5WH]LKO+)}^XVOEKD%53>7/HN,<'1%8R M:9>,EX\@U:ZTV2&PFT%[65)F0E7:56\M@\I.T'ID>]9/@+PQK6G:R[ZW%B#1 M[4Z9I4A<-YT)D9C)@'Y3L$2_\!-
$1\?7.F:'X5EMHM0UI-3NFBENGM%5W3]-MY\]JC "3*C Z,03UKI8MZ6XOKFWBBTF*]DLIB%%2!2SY/[*EGO-'U+[388SYP.TE@I/[Q3C-;6L>&]2\0ZUKL MAMGLX=3\-I9(\K*?
+F+RDHVTGIN&2,CT)H V=,|<;?J5|9VQL]1M%/OP393W=-MOLCN<#=\IR2#MR0&)%3Z)XLM=?G LK#4?LC[_*OG@0!+M.#M.<|'--U2U\6P2:
M;HV!:))29M1M+]YCDMVD/*F!5=MIW9)(VC';-.'1]IKE@+VR,AA,CQ_O MCRARK%3P>>H-7ZH:1>7M]8";4--;3Y_,=?(:59#M#$*Y1QR #CMFK]-!1110 M 4444 %%%% !1110
4444 %%%% !1110 4444 %%%% !1110 4444 %%%% ! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M%% !1110 4444 %%%% !1110 4444
%%%% !1110 4444 %%%% !1110 444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%%
!1110 4444 %%%% ! M1110 4444 %5[^PL]4LI;*_MHKFUE&)(I4#*PZ\@U8HH R=)\,Z)H4TDVF:; M;VTTBf6E5I)J M[XSU6YT/P7K&J6147-K:O+$77(#
<9'>@#=HKA+++6/$.D^*- TW5-1M=4MM: MBE*E+7R)+=DCWYX8AE/3H,'%.\+ ^+DMO 5AJ6MW,IQ=7-W<0\+'&9)9V$)BJ HBJHR2%7\ .. .YHKGX?
&FBR:1[&I33RVD6G'%Y'=0M'+ < -@%",\@C&,YSQF ML&'QG_;WQ"T33{0W]I"UG=2W-K>6S0,V/++\M\,.1[_]'OF@#OJ*Y*'XBZ+F 3TI(/%^GZ5IFH7^K:PT|O%,I\MEY
MGV7R_(;=@1X&=P7^]WH ZZBN?TWQGI&I-?H3. ^MW@98B"1)A@,K MP>?;FJ^G^/=*U+5K33H;75$FO(S-;M-8R(DD8Q\X)'W>1R?4>M '444R:9++> M"2;0D1QJ78@$X
&3P.36#IOC+3=2U6+3?(U"TN9XVEMUO,,2 3]N-QJW$[RS.NX(BD@ 1<>*1%8R M:9>,EX\@U:ZTV2&PFT%[65)F0E7:56\M@\I.T'ID>]9/@+PQK6G:R[ZW%B#1 M[4Z9I4A<-YT)D9C)@'Y3L$2_\!-
$1\?7.F:'X5EMHM0UI-3NFBENGM%5W3]-MY\]JC "3*C Z,03UKI8MZ6XOKFWBBTF*]DLIB%%2!2SY/[*EGO-'U+[388SYP.TE@I/[Q3C-;6L>&]2\0ZUKL MAMGLX=3\-I9(\K*?
+F+RDHVTGIN&2,CT)H V=,|<;?J5|9VQL]1M%/OP393W=-MOLCN<#=\IR2#MR0&)%3Z)XLM=?G LK#4?LC[_*OG@0!+M.#M.<|'--U2U\6P2:
M;HV!:))29M1M+]YCDMVD/*F!5=MIW9)(VC';-.'1]IKE@+VR,AA,CQ_O MCRARK%3P>>H-7ZH:1>7M]8";4--;3Y_,=?(:59#M#$*Y1QR #CMFK]-!1110 M 4444 %%%% !1110
4444 %%%% !1110 4444 %%%% ! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%%
!1110 4444 %%%% !1110 444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110

Q>VL,#WMMXFEU>V@DEPMQ"R[=N{G:Q!.,]'"*OKHNN:YK>H:YJ.GQZS[@1Y"!8 M*5#%AG!)&#CCCFI/B5]=QI'@]KFVOWL";NVCDN4(!CC:55,*L<15\'OR>U:7CW2;_ %GPT+?38$GN8[NWN!$\ M@0.(Y5F^#+[2[6WM+ M8V\5QJ:7099(865AL3&X,YQ1S@#)H Z77_%\V@&ZGE\/:G-IMF US?1F((JX M\!+*I<,P&>
<#L>N*,J C:/3]=BT:STB_U2^FM%O(TM0@4QEBH)9F &,=^N0!7 M)^+/"/B+69?$D#Z, :+7H(TZZDU(QQ6L?E@;/"S]I<&.<8.1DBNKL-#OK?QS
M#]DB*+5=#CLBP89\T2EB,>F.] %'Q\XV*6^O6FG:3]=W 80O%=?UL$V6\ACR M 6#,5R"=H.*VO"%6\ Z#=W4Q9CI=O)++(V2?W2D52[=O\ ,FNITG2+RT\<>(J4E11:WT5
MHL#!@23&KALCM]X4 9OB^2_N?&/A?1K75KW3K>]6[:=K,H';RT0KRRL.I/;O M45G[&JZ%XIN/#>]:G-J-I<:=)>65XZ(EQ'L(5T8J K'Y@P;]ZM>+-/UEO%/
MAS6M)TY+\:>MTLT+7"PG]XJ*"""1[&H[+0=:U/?KOQ#K<5M:S_8'L;&Q@E,HB M5CN9G? !8D -<# [T 06OCBVTW0/"\<-IJ^]W.L6A>T5MC3R%54G5&R%!PV2
M>@R:TIGQA*EV+&RT#4+Z_CMH[FIMXFB4VH<'"LS. 7.#A5)Z5DZ'X5U6Q?P& M9XD T?
3YX+5$@.UVC10!Z]>E0:YX0G7QH]&M#0(14PK(2]/\BD8RSE0V!.TKT.3BDE\/:GI%WX>UC0 M]#ME-C;3VMQI,=T!M25@^4D8
$AER^.9(M2ETW3M!U#4]RVA2:\C@.>)1;.QE5+,X! M&VAAC'F"10V48$C!W*5/8'DG'-5EL ,$F M@^)M8U33]%BU*#6%AF:.7BQ-.3)&$*DL,,I !R.>Q%5]+\%ZGIB>$%=H91+"
M^NKR_=&PJM,DI(4'D@,X'ZT :TOC*=;Z+3X?#FHSZ@+5;NZMDDA#6Z,Q4 DN M S94|*3TKJZX/QUH>I:Q2;.&&SL,8.?>@#3HHHH ***** "BBB@ HHHH **** M* "BBB@ HHHH
***** "BBB@ HHHH **** "BBB@ HHHH M ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ MHHHH ***** "BBB@ HHHH *****
"BBB@"&&TMK>;=:,&WBCEG8/,Z(9& !8] MS@ <]A4U%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% ! M1110 4444 %%%% !1110 4444
9^I:#H^LM&VJ;58WK1_<-S;I(5^FX'%788 M8K>%(8(TBB0;41%"JH] !TI]% !1110 4444 %%%% #)8HYX7AFC62*12KHX MR&!X(([BB&&.WACAAC6.*-0B(@PJ]!@ #L*?10
4444 %%%% !1110 4444 M%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444
%%%% !11 M10 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M !1110 4444 %%%% !1103@9- !17G>F>+-7U;XB6"Q3(OAR^ANA:Q>6-TWD
M[!YVI&<,SL .F%![UW&JP7]SI\D.FWB6=TQ 6=X?-V#(R0I(:,,XSQGUH N4 M5Q/A?4=:A\;ZUX!N' XK=\5Z^GACPQ? M:PT)F-N@\N("F.Q"HN>V68"@#9HKB$L,%,'D37_
(VLX+]HKM8FSB^S\GE! MDB0CJ-VI\.U6;!Q3:,)K&OS7U!=RVMA#/+\;+,KMMO(67>&'S-G&6ST XH Z MZBL36/$%I97*Z89IDN[BSGN4DAC#^4D8&7.>,K#'J;R8?
&^GZ=I/AZ.XDU#4 M;O5;$3VQBM09;G"H3E5X5CO!QT&#R,4 =C17,Q>.M'E\/RZN5NXUAN?L,VKP
M'!0+C<%$65NQ+#!QSUJ;0 %MOKNJWNFIINI6=59*K3K=P]@?=]T9#',1R/H? M2@##H**S=+R^.3;\BPQ11(7DFD8X5$4,]/O7OX9K6^L;RQ
MM_M.MI>0I)#%S\ZX)##@C@]>N*.CHK!\-^+++/Q3$T^GVE^MKL5X[F>W,<H0D\D'@]O3-/U_Q3I_AR6QBO4N9);YVCMXI>$R,IA<[0!SD]!^N!S0!MT5Q
M)^)^CBWNG&GZRTMD6^W6XLB9+-1SNDYP!CD8)R 2.AK,U#Q-!9PVLMKI^I.F MMS%YT?V"WWC9P02Q(49SP,Y/I0!MT5PM_P"*8]2O?!>H:9>RQZ=?7DXF#9CW
M*D,N5<'^ZR\@]"M6[KQ7:ZCI^E7UC>WMI:W&KQ6L4PME87@)(P-W2-O[XP>. M* .OHKD; P"(NDV%U]5O|CU2Y,3'VWK6UJ76!=H;>QSC;@]N?E/&!5W4/&%A M92VL-
M;WNI3W5O\ :XXK'"S&\GC[XMO$NBPZK9Q M7$=M-DQ^>@5F'KC)XJ#6O$B;-.(1I.JWS>7YKFRM=ZHN2.6) SP?E!)]NE & MW17,7?CS1+6RT>[4W-
S'K"%K(6T!=I"%!V[>H//X';);2N0%,@SPIW+\P)'(H ZFBLX:U:'Q$=#7S&O%M?M;X7Y40MM& M3ZDYP/8TFN:[9>'M/%Y?-)M>188HHD+R32-
PJ(HY+&@#2HKEX/&II.#OBN4O?'E]|7PKMM?>&[TRX$]DT\RQE(W5 MIDW^7R2RXR/QH \3HKG=*\9Z=J=_27ASCS%R?N@]F:A=V40M=1MX+\E;*[N+GZ99V$]H8.I!)?
RO#;VS6V9G=1G& MT$}>@^O:I;SQ>EG;PR_V%KLS/ +B2.*SRT*G/#Y(&[@_*'3[M.+:;6FCW*FZNDUB-GLEMH"[2X .-O4'YA],/-(DT.\U.2.\@-G<"UGM
M)8*)UF8]%38,Y!;EQ@XYZ]. .GHKS_QOXOO;,P#=WEEI^L6%V\|=L&>W >'< MZ MG)*L0I/S<=16E;>(]30[*PTY;;7K^-^GC>=+25/-NUC#8+2@8 !DX&3S
MP!F@#KJ*Y;Z^(&A6NAV.K.UTT%[8 MMOD9 8Y'.. <#)QVKF_&?BLWEYX6M-+?5WTW5&.X>XTI,=*'B&UU]-)MKEF:QLA9)*O ME!B%,K-\Q+8S\I&,T >@T5S6H^,;73;]]-
%CJ&I7UO$LMTFG6WF" ,,"V2,9 MP2%Y,.U.E\;Z1_9NEWEF+G4/[4#&S@M(MTDH498X) 7;WR1@\=: .CHKD$^(-M^C?
V*VK3V^HVULMZ+$B:W^<2Y((V@D\$$'OGM5[2_&6G.E+?PRPWFG3V$0GG MBU'"RF$1SB0V=O|CU&U6^4M8S75OY<=U@;O MD.<@E>0& R*=9^.-(OX].^S_
&AKB_N9+5+8QXEC>//F>8N?E"XY/N.N10!T ME%07MW%JI4ZVMK0NZ(]LGG QTOSG@9J27QWIHPTS2[VT^TWYU0$ MV=O:0EY90OWOE,,;>Y)&* .FHKEQX[T9=
U'5YA=6Z.;(L5[;SP[)H&) &Y< M]/F!R"014L7C&&?2Q?Q:+K;]\WE0Q?8B))1MW!P"G6@##HZ*X37_B, MEIX(U'6]+L+I[NSG^S2VUS
0;>08)\T!A@8(Y!/WA6F^O?:M9\.KYFHZ;R2 MX7[%;]#/LC)^8V^HG3$G\A]56V)M5?=M/S MYSMW<;L;<]ZLZIXWT_3-9N-(6RU*]U"""%)V@LK;S"8VS\V<@<;>884. M<%LD
9P<#DG'2H[GQQI$5EIEQ:"ZU%]30R6EO90[Y)$ RS8.-H&1G)&#QUH MZ2BL2V14Y-S=Z5.>3=PW&I).\4<!\C9/*(#AP>0*.WMU\Z9-JEI64$*@^89Y R<"GMXYTDZ1; M7\4=Y-)
<7+6<=G'#_I'GKG=&4)&TKM8G) P.O2@#IJ*JZ=>_VC8QW7V:YMB^ MR12"1R/P^A'-47\3:=%?:O9S-)')15NEU<%UP#$RL=R^H&U@?<4 ;%%
M<[:.^]O=,T._MVFDBUJ40VJA/FW88G<,\0C9I,5S-WX[N=']T3+FV%/K\N M]9:S>9!0]@G*,@="$#=X3UQS0!Z/17G^]#>+IK'Q_IP>W5[>ZT621--BA+2- M+Y]E,X!"
[N20!ZUMKX[T5O#L6M W/ERW'V1+;R#]H-QN*F+R^N_(/'MG.*.M.EHKF[/QKIUTFI":VOK&ZTZW-U/:7<.R7RL$[U&2&'RD<'KUQ5M_$^GQVFB7
M+>=Y>LR1Q6OR,R+NYXX4T ;-%<=X4\:7/B#6]7L)}(O+=+2[:&*5KI:7%9*C2+>VQ1F#G"L,9#$D8P#G,,@9I^E>,+/4]572Y;'4=. MO9(C-##?P>69D&,E2"0<9&1U&>E
'0T5QEI\3=#0M':2QVVIBRN9Q;"]=U(@2 M4MM",V>N<#(R 3@=8D-XLM6UV72;>QU&Z>"5(:BXMX-T4#N O8.<,I&I) (/.M.* -^BN3B\466F0^)+[4-3N)K?
3[IR61[=08F*)MBCV\ODN,$\Y-9ECXMEU7 MXEV=D(M1T^,*GFGL[ZQ<^9'M?&2#P6&0>.1Q0!W!%/M*O;JS1;,4(K
M2^E\FSOY;?;!U2VGC;3K_7Y]'M+349Y[:=H+F5+0F*[@,__M,V> <'"4^PXH Z2BN:L &UEEA:2WE]8TF^]6(&3D')PP'2 MLK0O'-SKA\0P3Z=?6*V,TT<5R+;B)%C5OGRQ'F9)..F,4
=U17(V_C*SL]#T M(%M0U>^U&R2XAC@MAY\R;5)D900J#YAGD#)P,U,WC[0X_#DVMRMO/3/".XI_C'6F\. ^#]6U:,9FMK=FB:![R'A/\ QXB@#UU_1K;5;+S/LURN^(R+M)7) ,/?
&: +]%/9.L:\-(DBC73-3OY9 M%+,:+*WW!0.Y8D*.O3.3Z4 :U%4-$UFS\0:L7I.S6TX.W>I5@02K*0>A!!! M^E4=9\56FCWZ6 L'_-O6A-P8+*'S&2(\&JLD #/
&HQVOBI0Q(]MKTMQ8RW M,=M;2QG]$B !5= 1A@1ECUP3S0!/!17 .;IXENY//!-CXICAOK V%W;S7$$]F M,31,520;W34X8#Y"3@@% M1(.<@9QC/&.IFWUJUGUR?
1E\S[7;VT=S)E?EVN6 P?7*F@##2HKE)_B%HEOH MUAJCK=M!?W,EI;HD&YVE0N-NT'N8R!ZDBGVNOBZ\36ZM-J%J)-*DNCIMQ;*N MT+*%+LWW@W.-N<8,: .HHKCM-
^).BZF^FM#;,E':;BZQ6[[+:E8&E89$>[/W MN".F,@C-2;K\0]+TJ6\S8ZG=6[E.MO<75M;AHHY3CY'Q8;KX*U^R\;>&IXM"*Z'5M9\2QZ%f\NF^'&?
48+@P64;W"$3!QB;],#DG:3GCWKIZ M* .+\!PW6GQRVESH&]VUQ/FYN]2OG@)N9C@'(CD8CV&, #'UV/&.@-XG*7^ MD),
()IU5HI2.$D1@Z$ ^VY1FMRB@#RGQ/9ZWXMTA;"\!^7K^Z%#J9>W:*-4D M5F*2%MX4@-\N, -73#PW+;?>*_%WV^W/IF:K86ULDF0=^%E#@#],,AU!.["B@
M#57PEX=\0 Y,K%UX@M@NI+IRZ19C>K;XHT/SY!XWNV>?IHJWH?A_5+2,\"23 MVC(FFZ));79W*?*E*0@*>>>5;IGI?2T4 >0^)=.U&RL=3B,#!<:GXM@FL DJ MD)*
D9#1N00C QL$? M"^AZI930OQQ7U^U[LN S0QR>?L;?G+9WKZYSR.M;DNF^);_1-!L=0T\&[TG7+ M8R3Q9%%CGMXR?WRC/R\$97]#G Q7HE%
'$VNAZC':^/$>U(;4KB5K0;A^]!MD M0'KQ\P(YQ7(O8:\GB#1K#3$NX[^P\,VT%X+.YABDC))!5C(C*V2IQMY!!.>1 M7LE9&K>%]#URXCN-
2TV"XGC78LI&'"]=NX8./;!0!4\W.GS^$K6'3+2>T@L MV>T:"=@(\;%?RP)#?,"&-8L(/AES M9E#I4=TM2JZGRBT15>_,2>V:OS>$Y]5NO'MM>Q>5:ZN8?LTQ8F3T[5C>&?
#Q231. M35/#.OB[T]HV:XGU9L,..1%P)$4S'(]!LXSCBO3]F* .9\$;7>;5INJ17L!A> M;5KRX0$@ID>5F5N/4$5)X\TF[UWP+,K.F6*![NXMF6)"P&YNH&3P,XQ7144 <
M7*+37KCQ(#;; MQ>.2]HJVD>F7PM56?+;S,P=6QC;@C(SP37>T4 >,^'?#6KV,?P\6XLV0Z5; M7*7OS]?*+1[5'7G)],U9N=#G%WXR?4-
FU:PU&\MGC@AE17D188P73++@JR^ MH//+=_10!Y?-H?B6_P# &L:?)!?R+)[%^FV[.CW*0++$S;W#$'&UR,DG'4 MU>\5>'IK_A.(M?]
L&JW]C+IXLY(]*OFMYHG61F#8$B;E(8C&>",XKT*B@#S MW_A&I!:^%SINBW5E'#KC7UU@=7(FE0%)09'8NV22RG)//UKT*BB@#@;8:[X M4U?
Q%';^'KG5H=3O#>VD]O+$JAV15,)_!NBQ^&SX8N= M4%F6CLKVWN(DBEBW$KYFY@R$ X/!Z<9KT2B@#@HAKGAGQ3KM\OA^YU2#6/)G
MG:RECS%*L01HWWLOR_*"&&>#TKE9M"UO2)?!^D6A)>Z3XF@GU,7.T&_P"SX[@L-HE.DAP1UQA@>G>NOTS2K#1K,6FFV<K;ABVR)0H)/4GU)]3
M5R@#$57PWH@%WI*ZAX7\0I=V&':>ZU8S6T4BH1NC4SMNSD@?*,!NU1Z'XI.9=V$I M(BN87AW5E&MM#>Q742VTL:C:KL2V]?E M R-I/%>@44
>=P1;_P"$G\2:=;^;C4QI=]/>6=S#+$(LR@967VL@XMI(U='V2,_N;Z*]$NKH(LTHZN$R%5],G\ZLT M >6ZIX:US6=!\8Z@VF/;WFMR6@M[!Y$,BOPE1ER#M#$;CC)P
!FNG\1:S(- M+_LZ_.ET];ACJ,6G3+%W M[MI^[MSFNPTC2+NS\]?:U?/"PLIK"SAAF+ [V0R;ACKQN'YUU-% ',_#_ $R\ MT;P386%_8+F)IB\9(,,RNPY"0@UB^.=.OKK4&N-
'T755UM;<1V6JV-S"'' MG).R8,XR@^)!5NQS7H%% 'F6H^;^S\8:A]MYINLZE[J-O,Y?1=0:W.4T:, M6#0@]"3ESCGU]=-$O/#.J:#K.D=N2R@T^;RDZM,X22>WWR+(&!=\,=P(
M/S=^[>C44 <)K UR35_#/B<>'!EVLQ=17.GPS1M-&DH4(P)8*3\@R W&[[<9 MK%N/#OB+4/#/BQ9(,%Y]6L6UU!;"9'S&I@)RV<9 1L^X,,\$^]T4 M*\?E.)
(E54^]N#9!'3'O7H%% 'E4_A34;27PQJ<^FZG=QVVA1:==VVF?QMYX M9%VL&RLB!USN!&[L#SBM*70;&/PND7_'"ZTTPRXP)}YESN.,< M.2.XZUZ'10!@>#
(=:@\-0QZZ\K78DDV>>ZO*L6X^6)&7Y2X7&2*YOQ_X9U;5 M-;L9](@\R'4+AT4 >=>'/"NJ6/CZX-S;!-" MTR2YGTMPPPSW)5F 4L!-[V]I.F^2(73/\ MI)QDJ<@$BO3Z*
.2MK/4+SXA66NR:?-;6C:)) XF9-TN M:/AG7:11J<.G&>>Q\3W6HK9^8@:>WDW+N4DXW8;(\(Z5ZC10!P T?5?$^NZO MK%QITVDPS:*^E6T5VR&5R[%F=@C,% .
!DGJ:SK6T\2ZA,^"M/G\-W%G'HEU M";R>6>(ABD+QYC"L2R\YR<'D \D>H44 D7VK^ HQIL2S7EG>07L4#N%$QBD#%,G@9 /7O MBNFHH X/Q
NN^+O#LH@\/W%A/975M=VT-]-&>&NGCDWLA",P48))/0 9J6 M&+5?$OC71M7N-%NM)LM(BG(^F/&9)!95";5",WR@ G)<R<<5V|% 'F:>&=#' MP>L=%-
DW]HQW<4C0;UR%%X)"S#W"_"00:I9PO(H%TD M2PDKG/&=K#G'(]RUEK7B;QBM_<:+5^&?##6T.BZ9JWAG7GNM/>'=<-J[//9*T6-LJ]9NG (79QTQ74^&=
M+U+3H_%):%89[O5KBXM&<@AE;-K'';(//"BNKHH \DTS0_$5WK'A;ZU#3=; M-Y8W?F:G%%"'¥MP;44 >9Z7I.M^&) #6K_P!C7%^(?#T.EWEK;/'Y MT$B[6W
,P5AG(.#V!ESX8UR^T/5!V33S#>ZKK=I>BR\Q2T,,Q#¥B#MW;4+ M$ GTYKT^D>B@#F9=,O&^)\KJH@/\%-'EMVER."0S(P7'7H":B^)=.E-J'PUYUR&W
M4M*MOYRJ/XO+828_|=KJZ0@,"" 0>"#0!YSXEL)=9\!%XDCT_4]3T0HP?(D0E2HP<'ZUT6E1OHMEIEOI?AB6WBO;AFNU>X3?,Y\/F2-EO, M8X
X)//7BMZSL[;3[.*SLX4@MH5'1O(,*BCL!Z5/0!Y%KU[KOA32_',D>D22 M2;AEQ@W_)[[M?,7"'^7LZYP"V[I4G_"&^'#]YU4Z-;&^,OG&4IG]Y_?QTW>^,UM.BR(R.H9&!
M#*PR"0T 9/AG73XCT5=3%HUM%)+(L(+!O,C5BJR@<&,!D>Q[U@^+H-;E\0V M1CMM7NM$^+S.K0Z3=K;R_;-PVEVWH=FW/1N#UKM(XX8DBB14C10]HHP% Z #
ML*=0!ROPYTF^T3P7;6&HV[6]TD]RS1M+YA :=V7YOXL@@YZ^M^^)L MZZ&;LRP:1%'<-97$4+]'DD(5C*CI!LXR"N"N#SS7]%8^]^%=!URY2YU+3(+BX M1-
@E(P^WKM@&"1[=* ,,T&VCU23P/=Z)tT]OINDZ7EM<)*ZEH"L,1[U#X2?V7<'"YP*I*JO<6-K=RV\MQ DKVTGFPLXSY,X*[A[X)'XU8H \AOM\46_P / M-
9\%6OAV:YF9[@PWPGB6&6)Y&D!Y;=O^;;MQC/?%=-?Q:OHCV:6+/1+C5+;.M^TV^U MY8U,4L;N1OWL,*0_WAG&.E=Q10!YCHGAC7+?1?!<-W8A+BPUBZN;Q M5D4B-'-
P0V<\@[U]^>E=>Z3?2_$,;DD!-G_ &'-:^;N&/-,JL%QG/0$^E=7 M10!Y$#X;U9?AWX+TTV,"\"^^-L);]+>N8UC<%SG.#@>E'K[6)XGEBM(_,9$.*1GM6I7(?% M/_DE_B'_*\#_,4
2V/C.277;+3=1T.]TU=11VL)IW0^;L&XJRJ28VV\X/OW MX][GQ!1X8=3_ +&NAX?FN1;)]9D3!)?RU?R\[A&6P.]>0<8J.+2/$FN>)-%N MJG^)?
$U_/L\C4;F&6#:V3M6%$.1VY4US%MX-US3M'T.YM%M9-5 MTC4KNZ6WDE*QS13O)E=X!VMM<$'& 10!NVWCF"(.M'K=A/I-WI=L+R>&1UD#
MPG.'1E.&Y4C'!SQ?/7OB74\4\5>"UN=$O!*BN+R26-I)4994^SR<-4;RMR#M M/I#5]\\:MXJ/B"^UE+?3KC4.,&FVEO#*9O*4,5V|% 'w?2_%VKZU MX9NM4L-.LX-
)G9Y_*NC*TQ,+IO7Y0%7)"\R>>V.0#]=8UZ+1K[2(O\':/4;K M{()@1B-RK,N?KM(^M0\?Q"TIW\4(H\.@M.21^] #9V?\"1E^H]|XTT6XU[MPS/:V+(NH1/'J;A;E MMG'/S^8OT:@"
[)X@U./XD;[31KR\GN?#]O+]B6946$F60G>S$*#T']3[=-N/ MQ]:W6B:5>66GW5Q?:I*\%O895))')'N\P,2<*%VG)^F.M78M&NT^(=UK9V?8Y M-
+BM5^;YMZRNQXJ,,*XZ;X>7[:/#ES65AJ%5B*+>1CC=@X8 H M1D8R* .AG\?P66AZQ>W^F7-O=Z1+%'=V6Y78>85YV,K+PP(;/KP1BK>E>+9KS MQ
NCZCHEWI<|NUU:F>1'\V-2 P.TG:PW+\I|:P;OP?S[+:6ES#+EOFW2&/;@=_ MNF@#.\:^(]:T35_#UOI>G-W*))N*R]\C..@R! MN'/?TH KIX\M+G0-)U"RL;JXNM5E:"UL?
E635$#W>8&).%"[&R?;WK2T#Q#_; M%Q?V558RV&HV#HMQ;2.KX#CH.[]-\9(UD#+OED5=Y)R0%7D[*[[55U7P*VN^)->N;QA%;7E MI:K9W$3?O8)XC(1(OH06'?GD5-
#H_B&^U+PC]&KK:BZTM[D7K0R?+)NB:-74-M8[G(\D6GZQ>:K87-A.O/#*5]=N210=Q2T?Q:T4T$,FH-M7-G=6#N2I0=5.' Z LF_!S5V#3/$>%^;?MB@#HO\A-
1UOK2ZII,]E?Z59&>\/JR":'#89"'"5"#G&# M5>3X2R6^B1:O=>'-1AM+JX@ALQN1;@2YPP0'*]!P<$[A[XIQ^%)IO#GB&UM-MO"FE:)=7VGR6L)@N!{TC,K##$(
%R1W/TK5UGP]?7V@^'+.'RO-T^^LKB?F&%<]I'@W5,+2_!UO-Y&_2,^XN+G$F1L<38V\C> M,O$]Y;>"FT'1S87,M?2R 8V@'"9//S8P,^E6=(T36-
/U;O)926UNVE:K!N#)>B(%2\^7*!E)]>; M.D@\1P/]<&N:?+15S[H]D1U%E5X.1O5EZX*D$<'..N;YO4/$VIZKXA&^M?1+_ $]"YU RQ/)*C++&8)/E<*?E;D':?
Z&KD\@M=0T36[$^%],\/O?636R3-M6TXED)/I[*#"@X/7GVH72?%^K:CX8DU.QTZT@TBY$DYBNC(TY\ITWJ-H"KDC MY3D\]L<@&G\0M?U;P]HMK3.W!) &,Y]?
QOHU[KGAIK;3A$UY%<07,2 M2MM5S'"K[2<'&0I&:R[O3_$D?B.S\56>F6DEU)8&QO-.>|V[1YA=&239@D9. M00.M &[X<|11>(;6Y;[+-9W=G.UM=6LV"T4@
,,@D$$$$$<$&L+2_$VO77Q%.MUK1I=)X&>.U6-.\574 MNOQ-;JVB3Z9&&X"3WJCI?AK6;'X9W>A0W26FK2?M:,_)G1SA#@)
(Z'(&1PPY'(_"LKP]X.U&T]7:7]JZ)8Z7!;6DT$XCO&GEF=@F& M9B!D?*<:=I^CS7%M8W*VMU=>?&GEN5#$A"=Q4!AD_7 .*PH?!VJQ_#/0M M80?;;*ZMI9?G^7:DX=L"/
I^L>'-7U+Q;.WUKI-EI\\%Y&[:Q!>$236ZG)C M>,*-O*_+AB0/6@##3UGQA=Z')<7?AV[72(IUADOO.CR-S! XCSN*Y(]#^CG%2 M:CXMN(M;NM*TC0[K5I!*-
)++PO2QQK%O!"Y&YR!G'ICGFN+U[P%K^C5X)= -M/L;RYN+XW%QIMQ>L6CAWAEB6/\I &W@@=3R:Z;;3/$>B>+ M0LRSW]V\< M0LRSW1@-O+&FS)^5MRD 'CG(-
$]JZI2:7KEKX_@UN M"UM;JWNM/BLKO]^8S RR,Q=05.X831R1HH38KY7<1N;!/RCT]QGIUU:UD MT$:S&Q:T:U^U*<*?#]KXCO?$^]V5]?H+F"&T= M1\VZ-RB^65(?
C&2W)]UKWQGF$)>312QOA7VABB!CEV O M J0.YK-T2Q\;^&=)B\/6EEI5_;6P\]TU&>[.;%GY1)$$)) X^4@"'45+'I? MBGPJ[.N)HMC87]K]MTUY%+/=&
(VTKHJMO7:=RY4$8.>U %]_'$-W'I(T*PFU M2XU:U:\AC$BQ\(5V@LJ-T.6 QSSFJ.7Q(#Z!NJ/H-\&U#4'L(+6-T>0NH?G MK@?-&R\D8QGI7(CX>DTC6_#/ARUU&!)],T:0F:XO)+
(,6D7<4DC.XDD-E2" M ,'K6YH-JWB'1_#HTRPM;.VT'7'640W!EBD1$D4R1.1EP6?]><[J .@M?'5N MEKKCZU83Z5<:+&LMU*]K+F-P2C(RG#9VD8]>*?
9>+K]35;33M2T&YTV;_B>2 MR\V9'$I0;BC;2=C8.<'(X//%9NO>"'+O7KWQ@"_1/CZSU MJZTZQM;,?^T+AI5N[5B UB(CAS+Z?-@#US2^-]6U'"U72-(TJX^S7VL7HMA<[
M0Q@C"FY'4'@MA<#/K63H'A#7-$\20>(FF@FO=4+C7(0^$4'F,Q#+>[UF M\\2:M",#@YZ5'9^-;@ZAIL&K>'[S2X-4;R[.>6 M6-PS[2P1PIRC$ X'/I5;4].\4>,-
!U+]16T_3)MXHU<-6CNFN)+D%6X50$ M:'/4GVIITOQ/XBU#0U

[TVZL'N!:MEC0R\Q_,"QR NXC'?-9/BKP5KFLWWB%6T^RU)=0CVV%W=7 MC+%/+VE1%M(SNR01U)YK:NM#UNRUOPY]NGVMM>&RT|{"YADN/*V{O+.,]3M. M0"AXH %\56.C-XEN9#J=R\&IQVJ6[R"0R3.D>R.!>-I)8<$]9)4G1<;@&4_>&1D'US6)J'@K5K@ZUWM;:*Y\YGDEVAG9MH 4!0 M .3R30!'IOQ'-_%HU[+X?*

O[72M6ECMX+R5TXE1V"J,D@*;GDGI7,Q^$=37P+X1T@B'[5!5W937/S_+_MMB8%\'')]*Z?Q';SW6C2V\,E6FJ+(0LMG=R;$D3OR589Z$9'J*`*-WXlGTO M14N]3T:X@O9KI,2VLHV4D:XD;fNU@<`G);&-I_&O'X%@O4S-+L)M*N=,M1 M>2QM(LH>$Y 9&7KRI?'!SCUKF'^\N]W?A;[--#'(M2+22;BY:,&.(+M,! MD(S@Y<|

@$BKW_"$#5?#NN:=_P (UIGAZ2^M?(CEMYA*[-GW8084$++W.>>E M &RGB^_BTB_U/4O#-[8VUM8R7T;/-&_F*B[MAVG*.1V/OSQ5Z?Q/!_AY3;R

M'^VGV1X(_=_NFDY]>%Q6;]F\4>(=*U+2.:T^PT^.YT^6U,T-T9F>5UV[@-HV MI@DX.3TK*M-$\6WM_P"$S]5EIUK;:))`^],5R9&G/DM'O7Y0%'(X.3SVQR :=

MGXSEUNXU2VMM$ODLK&6YM;F_$J(S>/M+CR_-QM03E:M:RZAL<$CTZ53T'Q9JVI^-M=T>XT6[CM+Z;-(YLQ8@!BW9?#DG<>M5P#@$9QS0!VM%<+I'C*UMO"N@?

9DU;6+W4UD^RPR^6;F4*3N9VRJ*!QSGN.M-M73\0-/AT+5]1O+*]M9M'94O;*55\V/=C:1ABK @Y!!YP: .MHKFM+!8QZAKL M>E7.D:CILUQ-UQ:-=H@%PBD!L!6)4C<#M8 X-

2ZQXH_L[6(M(L]*O-3OWMS= M-%;-&NR(-MW$R,H))X '- '045SNI>*_LFHQZ98Z1?;E]#6XN1+> QH88R< MNSL "2" 23@U??

QYISZ1HEY96EY>7&IR/%:V.:*LQ=,^8&W$!=FT[B3@>]-] M'545ST?BQ!-I-O>;?2Y5SJ55);+#.JYC9$9R0Q0!4A>"I/6H]2\:V&F#Q$9; M>Y;^PH8IKC:%^<2*6 3GK@=\4 =+17%7?

B@7]M!-S+.ZUI<$^K6\-LP$:FZ5 MP2NY221&>X.&Z4>'_%FK:KXQUW2+G1;N&UM)TCCGS%B &(-|^'),X\C . 1G M'- ';T5P^C>,;:+PMX?^QQ;MK%[J<+/;12F/!0ZJ?F>1LJB@9

SGN!S5P^/; M$;1]J^P7OVW|>--.G$(OA^LEFN=/N+"7) M5H))RA9<'KE"00>Q!KEF^)%FMN=2_LC4CH F\DZN%C\G[VS?MW;]F[C=MH {6 MBO-[R!O-4^,*;=<:?

JYLK*SBEA$%VL40UEE8Q&(&0@I\REG& NX@YP3D8$0!:W<$HG^ZT;Q+XS5 MM,U;5(+2[25_L^TI;0BWC)QO8 G.K{5R>IKJ+SQA:Q_V;'IEG M"VV^?)P#YC,[%?%7YE')R2<4

='167H&NV_B#3WN8(IH'BF>WGMYU DAE0X9&/ MP2,].A(((JCH'BO_(2)A-:Z/?)IL@?R+]S'LEVMM/RARZY(.,J,X[4 =%17 M+V_C,MJ]A8W^@ZGI]:@[1VD]SY6UW"EMK!7+(2 2

1VK.N/B=8V\=[=-H^]M MIUA>/9WM\(T]N!EDV9QNW,,X/R@X\&>>*_.YHKFM)\8Q;EK8TJXTK4--FEMS M=6S7BJHGB!

)&&)4C(^5L'!Z55M_B#:3M:W/]E:@FC7EP+:WU1@GE.[-M4[= MV*S7$1 MC"0-(PX9PS8!!.T']>E '145SMMXK^W:Y+0FQFOYD1\LA@HW;>3SD'!ZUW%YKEO9:I6DR1RM-

MJ2S-$Z@;5\M0QW">M6G\:0V!TG2[?34U2^O-=JL560\(RNY?49/7HW]W;VUO&=\5'_ MXEXRO 55Y)(H]$HXC\DF>]-GH^U1.+B@AHSEMHQM)S5C |<4-K]Y]5 MH^D7NGS:=

(L4XN6B(WE0V!L=L\$'/0YH Z"BN*\/>+=6U7Q?KVE7.BW45K.3 MI',3%B$&(-|^)0\C:#PPSCGG%'X"\=O#X\-1ZGI^JO#=;+3^U9MIC:=B0 MH.6WD$\;L8SWH

]1HKEM2\;1V5Y]$-IH^HZE%I@!OY[41[8#MW;1N8%V"D$A M0<9'?BM+4/$FG:=X7?Q$\C2:>MNMPK1+DNK ;<#U.1UQUH UZ*X[7O$$W_'&-MZC>:C8ZQHGDM$-T,D+3$-

(H!1@S+WP<\XS5K4_'6F/;>;K:7\5Q%<6,,<|<>-MT$W\N=]^2_,,=[N&UM)TCCGS%B &(-|^'),X\C . 1G M'- ';T5P^C>,;:+PMX?^QQ;MK%[J<+/;12F/!0ZJ?F>1LJB@9

,+"_P"}E_9C>&=:34I8A/;6K1QI[X\X+9WI4QW#D$9"(-6%K>F6>Z-C'8",?:#CWEHMG)%K34--U2-+ZVAMXM2N OESSB+)'WM_,U ML.1\WTYKH-/\5_VKK$!I9Z1?

2V<%S):2WX,8C65/O#;OWX!&,[>OMS0!T5%> M>?$?4;T:QX*PU2>SO+EFG%A<+"T^V-R(@WF*PP0&/(! ZYXK5G\)8)87%Q MINF:']V]_P!F1HMX\#(WDG:"%+.X,C[<$@9//7)H

ZZBN'GUV/5O&'@B[TV[MD;3<'UO9=]L560\(RNY?49/7HW]W;VUO&=\5'_ MXEXRO 55Y)(H]$HXC\DF>]-GH^U1.+B@AHSEMHQM)S5C |<4-K]Y]5 MH^D7NGS:=

B5@6D')V_*2N/QJ _$VR%O+>_V+JO\ 9EM=-:W5 M\8T$<#B0QYQNW,,X)*@X!YYR =S17+:WXVCTF\Of>WTB_U(Z;;K<7SVWE@0 M(02/OLI9L*3A<\5+]?B2YC\

7'B&RTVX,QLVN(K=C&64;D7&F0"ZN(KS8?W)\(D!1F!'RG//&* .FHKEM,\;I>7^GVUWH MVHZ=']8)L)HH[9L+NP0K$HQ4$@,;G:[\5;\0>*X- U#3M/-A>WMW]E^S16

MJ*Q8IMR#D@#@#ALY/ .30!OT5R*,$"Q?1; ^^NK"]MKC3KJ*TN[*0)YL;R.JJ> M&VE3O!R#R,UM3.[;P>)++,0VCE-Q<6LETK@#@%1E4@\YS\X[4 .E%<7I?Q)L- M2T&?

7WTS4;318K;S_MLZ*%=@0#&JABQ,)P#C!(.#5+Q7XEU"[^'_(B=M&U;

M1IXM/:.&68H,@^C1N=K#T.#0!Z#1?*;/XTCO=4L=+NM)U*Q:](@:6RGND4+7(M+>\F$>U1#G:"H5&X.&(4MO95/\(4@8/7% '7T4@((!!R#T(KF[3\7_9= M8GTK3=&O}7N[6-

9;1;3RU6 -DJ"79%\S/G^3GKC&[GKTH Z>BN8N?&<0 M")YFA5/+/CC?^,LS#IZ=3S@"I+;QFM|]54\%@N!@IA0!U%%>7:-XYET6+Q++>Z=]U)96>MW0N+Q K1VT7F8 &Y@6 -')

M"@X%=GK/B*YTQ_\ 1- U+4XEA\^2:V,015YX!=UW-@9P >WK0!O45RTOCBUD MBTC^RK"[U.?5;8W=O#"40B(!*^FC01B5SA5(W M;L9^7=C;GO4VL_$*#23J4L6BZC?

66F2B"\NX#$$CD(4]0'<$XW+D@8&: .RH MJ,"1[;>*1X7A=T#-$Y!9"1T.'1D=,"14E !1110 4444 %%%% !1110 4444 M %%%% !5'6=+BUO1;S2YYIH8;N)H7>!(@KA2,'!

(/;VJ]10!YY_P@&H6OC/P_M>V^N:M/86,$RNTLL.8_]7MC4",?(P4@\= .1732WWB$6>H.-#MI98KHI;0?; M OVBWX^?.":,D_*?3K6[10!Q'AW1-

4D\=WGB6[TJ+1ID)+!;3(DRRR/X?=YK M(/ER'!HY)P355Q)KER+O3$\)VNL:?/'MC>2\1%R1R)88X/=<\>AKJZ* /* M3\/=0Q?#UQ+9+KYLM+_ .+.NH%NC P(;>KQL2

0.5P2.,5KOX6N'TK1$L-#B MTLP.[%?W%N+1I2D(IH(9RW=CQP"2K7?3T4 >M[Z >8! MNB1H"Q/H?W;<=>*Z+2M'O+7QCXGU&6-1;7ZVIHM# EMD;*V1VY-=)10!XFNB

M:S8W/@W08RL6K:?HT[2HM]!EV9D0<2JK[\X(VI2. I7?_#Z\MKCPU/965C]A M.GW4MI(HN/M"M*,,SB3 +Y+Y)(!SD5O:GH>DZVB)JNF6=\L9R@N8%DV_3<#B MK-

I:6UA;);6=O%;V\8PD4*!%4>)r' H \ILO!_B2:[\/R:AI;M?'V&I)=]IS=26@WCYU>!$?/[\P/6 MNVHH \H\>>YBEFMV+0NZ M&2,$]3T.'1Q4] '#:'-X MWTK3;/0)*LKAK54MQJ?

VX+$\;X O<5132?%6C;=KN@:?I%O>6^ MH7-Q+:W[?:HD2SDDB1#!Q*EC[T'/'2O1Z*./'+W0[V#Q=;Z+I-QO;2O#]M:2 MM_:!L6*[G'W@CEP0,]!M(\K=\/0?

V]_PA6J.3IJV6FZ4UY;RP^<'$8"-$-K M?\M 67[W?K7.:GX>T76GC?5-(L+YXQA&N;=)"H] 6!J_#*%;0I#!$D42 *B(MH55'H .@H ||UIP/J6LCQBJK"IU"

[L[FR\R3V9#"D>5;*@E"N??-6]#TB6Q MNYM1A\#_ &&\@M9!"VF!+'TCG'[M>2 IQRQOT"=W10!YfX0(ZSX5\0?;F\ MJY36HFFU@6KM7R+KYK1U_2-

9L_%IKXJT*UAOI/L9L;RQDFS1-MDCW[U9&(P&!SP>H-=C10!P>L6/BG7K6PU-M(M+2\TK4(NVL6NP[3H%975G MV[O#\8R!CD\THT;7-Y.*[MNB@#$7Q987>E?

>#3IE1+VUM+"!U)RHD62)2,C[,CM5JZT/7O%VO6L^LZ=%I M-K8V5U;@I6@^8,VQ>H &37 M4Z#I%Y8^*?%%].BK!]%S!);L&!+!8$0Y';D&NCHH \BB\>);BXT=M0TQYM0

ML]6BKN5>3+K-&LN?W<6<*-N."%QC SFNPTI3!TSX@ZW<_V>LVF:L8)!=<K M.H\DQP["K(>3D],8]:ZVB@#$%#1_"OB'P[I_A34++>PBN!W3+2>SO+'{0[%DD<

M,&1S\N05'!)/(-/U/PEKVLZ%XOO)K2*WU/7!;I!9"<-Y4<.,;GZ;CEB<<<#@9- M>F44 IX.;]T\;L\\5V!% 'F>I>#M2C\00ZO=Z6OB$SZ=!;72Q7 M?

V=TGCSF1,Y&*MS>&\1TX>&M7I7?08(9M,>Y$VDK=CYDG^\5E;@N"\ MW'/)&>]>@T4 ^&?$NKZ=XZENM/M[>YUNU@CM(S$N ^-B,NUFX&>1GMSQG&:]/HH YGQ1HU[

MJD\A!.6-6-EJMM=398#$:9W'GKUZ5!I>GZOI?C_?)SIZRZ9JSPS"[6=1Y)2$=M(59#R22HQCCFNL)"@DD #J32]: /)+?P!JEGHOA*>XTI-1GTRRDL[RP%WY3$ M.P8,C@A201R"

<$'VK?\ [1/"'T]L/ L+I=78>>>P-^K2$!1B7>>-X(P&X'.[MM7>9 ZFB@#FO!>F:KI_AZ6UU=Y=SW$K6\,MQY\EO 3\D;2?Q$#///7&3BN17 MPWX]/@4> 6TNW%MC[*=7^U+L^SF\

[O+^]OY\8Z9YS7]=% '-6VC7C#FJ_B+3]7C\8Z)KNF:>M_';P7%K/#YZQ.HD*$,." MW! V'(Z_6NMHH Y"TT#4(IO&K/$H&]RI[K7YQ\P^SJG/A\P(YKG)O ^'H01^&+ MZ72%U1[+1HI-

O+%;OR7I"E'D.C9"M@A%@2.H(KU"B@#"*Z:FF:3(D>BI+2S M-*\UNMQYO(.W.WJ0!W/3K7+Z3H&N1^)O?6&D@PEY_VV-;T307,S#Y&2,< MAOF+84D<8YKT6B@#R?2?"/B

ZKX9NK[29$NM/NO,U"_N-4,YN#Y;J61"2 I) M!QP1D #&:T[KPE]\OP[\4:.D"&]U#4,]XMT\P89'GWJ2>@^6O1W Z_PM^5 M,K+&L:>& &.1@G)S6Y

MXET+5]0\2+=:3HGV'4$GAVZW#?!5>%2"RRQC!?CY M\:6^H:=HG]ES+>HUUJ<5\/++N[93RKQ#EF9<#E?EA\7%:WBS2]4?7- U_2;1+ MV;2WF62T,HC,D(==L?''V^VMK&?

7((!:HL MWF!"B$!6('7AU;4M%ATZUTZ*X21?M:RN7D0#/R\; M<@8[]*M&OYHE%O:^'_L,K!P2)M\9QCN,*>:[&B@#Q[Q!H^16"6FGMLCN]0\5 MW-

];CJ3Y.4V.RMYH!\LGKC)Z8Y=-3X!N$@U#6|&FL3%]4$D=S=W(OC>"=I M0"9"JD_F-NT!8&,5UVH:98:M.FUU&RM#RW)89%SZX(Q2:=I6GZ1;?9M:-ML,:.S@SN\NWB6-

<^N .M`:.9I^KZ9X\UZ8Z>LNF:L\4RW:SJ/*0A"K(>225 M&",&LBW\):O'\,O#6B- GVZPNI.6=/,&%6.8.V#T. *!%HH \QN_!LIGXCU MN=_#(URUU*X^U12I?

^0T1955D=2P!&5R",\'I7:75CY'A 6%OHEM6-X0U^?PAXBTV"SDM+2ZDMCIVF7%Z)C; MA'5I/GR0JG&0N3C';-7_ !9X3USQ%X@;6H5A@GT0(VBQN5(N),AY#)Z*BGFNCH!!&0:?

|~"(Zl:VJ7UM;PR7]EXCNM M3AMGF"BX@D+Q5LC/0CFKS:KFNZIK&MWVGI\DFC2:99V9G61V+DL7= ME^4<[0!D]R:[VB@#B)O#>]/H'@:T$2>=I-S:R78WCY%?2!D;!

[_.1TIECH^MV M5SXNTXZ]S3W=O>K<*!EXE01E.H.5Z]*ID.&&5((I12D@=30!PS^&M3;P MOX&L1"GVC2;FSDNUWC"+"RQ@]^2.E5SH6KR>[?4;#1/[&(O"]_>17P:&]A M 8

&(=7/RG)4$<\FO0*S\2^&=9UXZ5HT6J6NJ77VV"4W:Q>3(R*K+(&Y*Y4$%2-V[*H67A+7])T?PU>V]H#<;EHU[M?2R633A1+%/))U^@*RD9XZBO3.*.'M?#=_K^]:

]FOV26*:CIRZ9%9B42 MNL0WEF=E^7<2_ !. .M'"\B;538! MU\K<4;"-O&&/S';IXC.\?=V,T7BSX,]VGVYLHM1TUHX(A\ ED&0]QV'KZ5 MHZAX.T+5KL;K4=%/%ZN\ "RW%LDC

#IR1FM-55$"JH55& , "@#S^/1M?U# MPSX5L[K2EM+C2-1LVF4W*.'BB3#2 CWZ#K5G7_"-YKFO^(":2L5I],@I81S;@ M<2[Y3R.N!N4UW% ((R#D4 >>>&/#:BN$(W1ID

MDY/[%P"?3F7QK/[%M\0/!\VF6<=Y<+':?$P/+Y>]=D>0K'@-Z9X^G6N^]&2SM MIKJ&ZDMXGN(PBE9 6C#8W;3U&<<#..N*.;,OPAKVLZ)X]OI[>"TU75[FVGM M[,S!U1;

(]3\>6>NZEI$6G6<.FSVIHB^U++('9XVR MVWC!VG&,.<9Q7<44 >?0^#=3G^']MX7D.4&J16T> S;D$J2"102.Q*@$CU] M?

6X_%'BGP;K>F3^XM/EGLFBA5KU)#)*>PQP%]R<\|!7=44 C7MSX[*.M7T4.F#3OM'VABP!7?#M7 [\^E<3!X.|2W%QHK:AICS;A9;M%=7FJ3:F76>-9 M".?W<6<*-

I'!"XQ@9S7KM% 'GUWH6KS^-K?4-.T3^R9%O0UYJ,5\#%>6RY&UX MARSL,=5^4_O'%9,'@:;,3I-0L+GPE'K4$]W+-#=_.VEY2&.1RVV1"<@C)"'G->.MKT4

8>FZS+>>>)M4T]&T46.FQO)!I5NS<8\8_A78?\.@0K%DLO$'A]Q=K>I M:9HZ:M::OY,F%NDA>"6-A#;NJD `(R1SQ7:*BIG:H7)R<+&3ZTZ@#SW2_!F MJ::GA!9#%-

+8W]U>7[QMA4:9)3A0>2 S@?K6[\4?^28>(?\ KT;^8KKJAN2 MVQ[62UNX(KBWE7;)%*@97'H0>#0!Q4-AXCU_Q+H%UVEP:?:Z.9)GDCN1+]I ME:,HNP 95>2?

FP>@]ZPKGPUXN7P9=>$(-(MGMUO3,E^UVH$L1N?. "=0 ,.#G M X,">*I8 &!P** ,.]+.$* M?:]4NJZ6U7S!AEE^YD!!GWZ5!K7AW7;G5\2Z?)]FGM!\4%M$NI&VCM9AD.TB

M@C>#E>0&(QC%>C44 >9-X7U"'P/X?TBZ\,_VA>6-F$6XM]06":TFQC*OD"'3 ME2>G0UKZ3X?UV#Q%H5_]DJ74EKHH_P!H7.B;;->Y!^T26J-)D=#N M(SF@"]972WUA;W:

(Z+/$LH5QAE# .']!U/1!0 4444 %%%% !1110 4444 M%%%% !1!0 4444 %%%% !5>_FN;>QEEM+0W=PH_=P>8$WGTW'@#_/-6*P_& M&C77B'PK?;797*VUQ.JA78D*

<,&*MCG:P!4X[$T 9NF^,+QJ7O\ 2=4TVVM[MRVL3?1FTO//CDC!*D$E%*L#CMW]AIOQ!U&[AT#4+SPY]DTG69(X(9_M@>1)' M7*DH%^X2" #[X>$O".D^?;^?

HUS9S3MEMKB$88+QG)[9Q^% #I/'JP^&=8U*73B M+[3+UK V(FR99=X6,!L=`#HN*O>,==NO#G@;4=5MD07D<;)$#\RK([* M@/N

6\["N7O!$%]\;XO3LV0MX=5U"#'\GBWQP"J=VX(_"@#)TOP/'ITUI>-K>M3;A&0T\TE\()<'N&C M)*\)9/N5OX?$WAJ"1@UU]K G>-6*M*L6W!4$'@L"0.UI

MZ5!XZCEM;;4[G0VM82!-=0K*9IU^^P0%0GN[U*'1=)@U!-+LTO+N2:\\@%7 M5F54^1MQV[3DX%1?!)SJ^U>P>]1!>XCA *8W.4!QM<'(7.<#! MSD<7XCM=,;QYKD=Y?

Z+90VMM;0QPZT\J^<@CSA DB;H\G!!#?-GBNV\/VM]K MU_X<\636L5@BZ5+!)9G(96=D*[1C[N$)YP>10 T?$,)X?:ZN-,,6]+J9TG[# M]H&PW(Y_U!&-

FWYMV.G:GV_C74)%U>S.CV\VL:?;+=I;6E]V$=SW+1N&DFP$_M-I&TKUQZY%"_^'MW>6.H RV+W)U]M8MS6G0R0L"@3RY1CH1NSC..#S6C;:)KU

MKI6IBRTOPUH^HSQ+';R6(8A3GYF=O+7. E6/"G@Z;P=J<\&G7(DT2XA1WBF=C*MTH"M(.,$.!EN?0#CK4O

MB/PIJ<^OV/B/0+FUBU2UA>VDBNPWDW$+$';Q7E2&&00#0!%=&W^'^FLUJ^I. MBU]EUO7GT'^*>,PDLK2V1G=T3>06=G95))VJ, <#UH H6_Q M#U)_!4_BRY\-

9]-6VCG@4W;D,DI9E4C&W=@+M1B\0V6F:YHK M'J',*\(}<GT+X*S:1/)&UQ9V$#O'D]6S MD&1D#BM:+PYK^K>(1.O !)-IOV3!IE@2RW5G>1=A=PP^0;XNI+H1HD<@SP-

I);@X'?!Y'?#7P3XED\+1>#+F[TPZ#&5B;\4R?:?MU8 M,$V;=H8@!2VX\=JZK3-#N+'Q?KVKR210[58DAG:CJUCJ)IFII"+@2.ZS1-$K*-@ *L#D= M2,+4M/"/A^'2-+FN+

[5)IX[2TGO2V CN7=YF!.T8ST)Y JX_CRYL M=/\ $0U31UMI4T2U%V!M'<[XXXR"59)-H._J0\4>)9- DTRVM];"ZU&*+#4-2LDM,33M'U"W?(N+;4RRJW3:00 MK@YJDOQ

M$4;3<. C[IM7AU!--6QAN Z2SN R%9< ;"ISD@$@/%9W_"N;Z#2O#K*VFZE? MZ2L\;V^H*S6\L:#.(;70!%2SU&/4+6.R1O MLY9]Q+(=]BV!8$@#&1Z4

7KOQ3J^D:=`/K&A10327]O9H(+WS(W$KA=X;8#\ MN>05&?6KUWXD^R^)Y=%^R;O+TMM1\WS,9VOMV8Q^.<_A65J^A>)O$7AV:&_E

MT]UU"*Y@NK)+'/$5UXGNM;UB;34,VDO8);VA M=A&2X8$LP!;ODX&.!CO0!E7OC"\UOX=76N:CX=EM=)E@@EA$>HE)!"TB \]N

M57)R#GY@.0,UHKKOB7_A:USI"65N^F)8PR{6N]NU#*X,P'EY+8&-F:E MN?!U]/\ "BV*+/;B]BM;>%I26\LM&R$D'&+Q_%K^GM8O:S6 M<=E=QW#NKHJR, ^Y,

ACAB,'',F@#'M/%UHHVU08S/<3;]<6$$$UX6$LWF M,"Q=A^[3"EL8.T# S4Y^(9LK+7#JFG1++Z3;K=F.RNA/'&Q(!5]D892#D< M=>;JW?

PIN[G1983)\827D6O3ZO;),AD@D5W8^7(,9Y5R#@"!QC-:VF:/]HE8W M1!-+X7L+N5$6&,U5S')S\PD8(IP1P,*<>_2@#*7I#4-2U&T,^H6=E K8:%[;|

M^TQR*1UW;%Y'T(]ZRK[Q1]DNNW^D^']%BU"33E0W?9T#NNY8T^5MS;<'-MG &1S3?!GAB\T&]U>[N(K"RCOWC9-/TYF:"$]"&8;E7YFR,X4#Y1UJ*?0_$>

ME>)=6U/P\VES0ZKY3;S0W]R(89439N4HM @#(..1U# YCQ=K]QXMT3PC+9:1 M%<6&H:HJ3VMW<^7OE02 P2 *P\[D)SS]T<5.TAMN.|@9QVJA;^:\;BRT?

PO8PW<EB3RS>VLMN'QG;O0KG\.T >>^(=5UJ;PUX-OI_2U M:^.M6S1P6]R'\^87O8]H4DDY'0>M;R>/7L(M>7Q%L+C{[>,Y=+>?SUFC?:M,W8Q5>=RE<$#G'-

-7PWK]H'ANWU)M-CN-(U&&=C;R.RR11QLG&Y0=Q+9QT] MZ77_ ->X@U'Q$TUS'%:ZKIL%I&5!+QR1N[;B.A&67O$@]*_)=*\9W<^O6.E M:KIUI:OJ,.N^)_$TNAW>E6-

K;P37FI2O"'M;]Y\B%:P%X9=..GJ'VM]*>XD#3,S M2+MP -QY!.?2@"5H?BO4DO\ 0M+U3OOL5OJ=NPLIA="1]T<>3H?&O&;

MIBJDGQ,*V\FKIULV@1W)@:X-\|<%1)Y9E$.W\F[;SCG%;MYX=NKC5_"MVD ML(31VD,X).7W0-&-O'J<\XXKG-*\|?VB$Y&&C^%[ZQ6X>2*\O(C]!2-G+;64 M(0Y&2

=PZ#B@#L?$VNQ^&O#E[K$D#3K;(&\M6V!B2%&3V&2,GL,FN=\0:Q=`-MP+=7VM;;"(Q/;",.;]%95:.;]A*$4C!;D8P<=>:ZO5DO9-,F33DM)+E@ J7

MF!RG&1N#8R>1D=#\#7!\V/M3;PYKMDOIFV#:E=VMQ%8VCN;/%4B,Q4E0JWVE76F,;|+&VEPI+G^T=YVX4X^4JW#=<&Q(!5]D892#D< M=>;JW?

M?"U_K$MLLLEG:O.T"R8#%5R5#8_7'X5S/B#P3JFO:Q=:TVH10:C9%/[*VLQ2 MWVX9C(,^\"7UU"KO:1%87-U-\]D;W7GQRA"-Z$E5(8;@>A!>L;3?B/J-YINCZS<>&_

*<1H'Q M$T"?3M.L9)9H=6*QP2:;;=_.CDX4@KC@_Q=,UB%7\3W M-Q>!K5H2T|U,[L873C+#!3##@8]]HQSFC SG'-`B^K7E|\?BF:UN1,/=R> M';6UN7N[>:.Y&3YF|E\I&P,|0V-Q|\5K6VFZ3/K?PVM[:6'5-/M;"[$5P4!5V M1(@'QV.0>#R#[BNNO?"32ZW=ZMIVMZAI=Q>(B70MUB=9=@(4XD1MI .,BM31 M-&M/#^CV^F6(?R(0<&1MS,6)9F)[DDDGZT >4;U8W`T;QE,V412SA\26\|Q% M' 9!Y.V%i#Y0^\, _,1W -,.DW.A2:OJ/B&Z\4V&]PPZ2\%W%:60CC,.X'Y\, MP+#D!3S\QKTZ@ #H* /)OAI:W.B`J"8 *9"!V!D@XQC->@Z!X7E_+?76H:C>A%GNKG8"53.U0$'JJ!D M!\WYH \YT^Z^W>)09%-Q%5KJ4:^%_`VB:#X,T_2=6DEM=9VTU94TFT MTPL9WDC7:_B@?-NP"",.>M9MEH,^EZ#\.K34K55NCJTDLT;*#Y?F)/)L/TW M?45ZY(@9SCFB@#BM)M85^*_B1Q @Q!]D5;8."3-G%<1H3>)+VQDUWPUK>F7=OI^@H,L?;GL M"T"?#;<.5.T?. X#],O/-5=2TO3Y_!-ZUQJL6L6Nl>(;1YS!;^5"&,D2N%) MR".20>I->QXXQVHH B@MH+2'R;6&*&,=$C0*H_ 5XBMSI9^%%QX7FAW>,'D= M&M/*/VEKLRDB7.,XZ-OSC'>O,:U:Q6OC7 MQ*EK L4+6;2SUJ#P[#&ME?0&2* M\B**?+'0ARRX^4D\C(QBO8*,]J .8UO^TM4^&5Z,*TDM-2N=*8QV]\-%(T7 M^K'N"+K]f2,W,:Y*@F9,MM"(0 >PRS? F.=XJL;>^^(W@I+JW2> M)1(MD=641=RAA&A4X/<'D5V!% `C.O6%Q_9GCNVLC66UCURTGGBBAW@G:(6E.P M?>'0Q&01P#@<&VFV=A\/+ :WM8H9)=/ADD94 9F90S$G]/2%]>)X4 M9M0BMA8I+ 9#G48H *L4N;+PS\.KZ>Z33].M8;1 M9+FXM?.CMYF.$+KD8X#@.>A/O6Z-.T"3PU]=[-XNA,-S[\5TE!]9[+>"Z15(M.WE64[06)."> ^.]8HP,8QQ0!Y-)K%UKNB:'/<0VS&+Q9;Q+=VD92*\5?^6R@ M\X.<=2,J<&L6\O()[SQ-I-]26((R'B14,8SM&"6!4-@B MOUL3Y"(FT.PC! (D'",V#SM.>]=3X06PU#Q=)[/5KC[*+> M6.RM/*0+0#*S$,06'{ ZX)KO^G2@ #H,4 <9&/%V!B=*M=>ER?(,/C+#0 CICM7]6HZ+;;.MEJ&F7TCR1W.G3-+"\9 R&4JR'(.5((/T%:6!G...:/--+T8R^\ P]#K=LES M=VGA8;S*N\"82(K'GC/+#/N:V_B@I/P[U%57_EI;8 '_$WCKL** .+MK:+_ M (7]\A@3/\ 8MNP;8/O>=+SGUJMXQGM=.|=>&]4UH :+##(|,\2?$_PQ-I$*YNK>&RO=\Z(PCRPB^7<1@L,O15'X"JVHZA!X0^)UWJ^K[X=)U73X MH4O2A:..*6-F^1R!\N0V03P<5Z%1UH \W\7:G1/B^P\,_95-[[_\PD5M$[20 ML(Y1M%E=E7 9P)U!XIX_%)HT4 >/ M7D9DVT^)#VH7FJ6^E6+>'8H+>[N!3SHEFSETR6 1BNSDI0.5-/5C;>%/#:V M=[='I=M+XHAF29;?RT4/,2RHO.$SGVKUL@$8(S10 BJJ*%50J@8 P.*6BB@ MHHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "L7O?]QH'A#5M6M4C M>XL[9YHUE!*D@<9 (,/QK:KF_B#:W%[\/=2MK6"2>XELI%CBB4LSG'0*

*+=$URZ:VL+PO.L?F^7+#)"S1YQ MQ4.HW+TY&1S7(^(+Y;QA\/M0T/2],UB&^6UB<+=6$EN)-CH616D4*6(! `>F M64=A;?7XU2;]\3W-S86-P0-7LQ;P0AD =7<0ISP.A.,9H Z:#X@^&+G4+:Q@U M%Y){]3RI?:.S%)CG!V/LVL >!]P/6IO^$W\.C55TTZABX>?[,I,$@B,N<;!) MMV;LC&-V<\5YQX+N9(E\&OX@?4X;:UC6#3/.TT11&62+8H:0.Q8;20ORKG() MYIVM7'B'6X5@OEUTW\6LQ,VG0:, T >@Z)]U MY>>,O%.GSRAK:PDMA;IM V!X0SN-4:!KB1"L<,"G!ED M=@]+GMDD<^F:S?#UI,S)\1X=#@UF:QL[:U6>7RK RFXD+_<)*'":;! MJ\<L0WNHA8)FO;%X8!1"1O9W8!3@9P%)R:VK; M3YX/BI+.M0-]C70(@%F*!86S[G;NZ9Q@X]Z .9TGQO>;.K8^(=77Q";);?&D M4%O+I"T&]2UU&^\NX:/S?+CA>5E3,- MS!%,U?I7-OJL5LUI-96CW&3&A5HCM!VG/(S@')YH Z/4_&.@Z0*7=_P#/ M++#YZK!"\Q\K^^0BG"_[1P*-1\8^'M*M+,ZO-4A2"]C,EJZAG$RC'W=H.3\RX M Y.>*XB_M[O3O'.],G>3^(].L.]3MK5K=|+:LUN-I1"K12 12%6!.1C .3S5RR M\/166L> (K&RU!]/LH[YM|[#^\A+.]"OF8 "$DD 8!0!Z#;74-]9P7=NQ.'> M-9(V*E25(R#@X(X/0UC? Vf%:.QKHOM4LTOA#:/RV5[<,&)9V/# |> .I* MWZ\|0\],CT(-0 ,.]NFW\.EW=68/Q.3]NZ9

*;G>)%Y=P'&,]\5C#P[XAN_#FM"YTGR+N]\2P7ZVXF5\0AH"3NS@-MX"MGW!QGBO5** .9U[3+R[\9^$[Z" O;64URUQ("\Y8.!E7W.20.*P+,3-8@-MTOQOH,Z/HQQUKT6B@#RJ?PM?Y.K:7J=SI>-MKWMNVBV]E/%I=^TTT>3R%D3>IW'N<$>]:-UH-E#X.T^%/'':MJ//FN5^RWR-MM>6DS$_/YAER2^23AB.Q%>B44_<_XN5 M7M;&ULC.::!(O/E,TNP8WN<98^YP*.-T;PUIVIPZPLV@ZS8B^M!9R3;K>FX-MDD0[OE4&60[%)SVY/%8^@^$/&&J^'M?7Q'BVVJ7&F+HMJ\<,/*2,CS,C/#NQ-M)'7@5ZE10!YKX;T)?M>CQZCX8\01W=B0[3W6K--:PR*&A6]%,S:(1+ MCPUK#-*SQ1!*V3&^O+R\@AW+EU>Z@U'"+S%$#!.@C4[LX.P11-M@>IKV:B@#D1H$/XQM(GTQB^CX9Y$=V3 (8[2=IVG\D$5R5HFH>-_$&N ML^LZAIVE.7=FP@@T^41-)*$[J9'=L$GE@..G%=_7#C2/$GACQ#JUWH-E9:GIN:MJ$BZ>VGNC;0!.5"LP::P96V@^M &?K-QJ?A_OIX3M4-_KEP;._^0#*(TIW1%3M(>%&T<%O;IDXJ[?>+H-3*RW5Q!J>G7%IJT-C*?# ^LZBMDKVEB=QW*VSL55I&38%W#)P%Y/'/89Q65> ^#=5GL->A M3R-]]X@@U&'+_P#+)#"3GC@_NVX^E &OJ/C">#4=0M-+T2YU,.8[F]DCE2,1 MDKNV*&/SMMZ<<=1SFN5\5;M)XE\1^$+>UTRYQ]%0[;\[5(LO"X^1"""2F\&P M-G!ZD|=*MZEX'EA\5:MJ(\,5XUOJ3I,INIQ%);N$'LIRC90X!XY'/%,I\.7M(\0>$[R"VM+6UTNTN8IX(&^2-I$C 6@94%3S@<8XH E^(5Y2-M"X@M&:*5&(9",<@^M:.K:Y;::!X>;5:WS!CC1/DGCV$Y'8A551W)8@?C5?QMH!-MUK_@O5I)LO+.TW5NT_|-M-4[#QW>7FJ.+:/%;N;>#64:6TG>YC)\L*&()90>#M(,:.RCI T;1-,U*7P?I6 MB[C_2,.1,B8MMZ*NQ1MX)Y/.!QUK$\',N@ZEX8^T1:=J$EY&+2V-K]\US M):*8I$%8WRJ[\H#%3QQVXH|FX\87EAJ5G'JAVIM+"\O%LX.MIXV/E,<(61-M22%8#]\OD"F>$I9)/%7C-7D9E34&@@R%'V>/@>E7&LZ7C/+ MZQX4(67&A)=7FMVMSIKWMDEW*IFCD1PK)YAQE2&!^,IC%.6L:-K5AXO'B;0(-M;6\:>T%I>V-Q,8=X5BR.CX(##)!!&,4:5H>LWOB2Y\2:[':VUQ[C-E9V5O*9-M1"A;@#S6WN=4B^%-A=)I%]Y^LW5JEY>_VB-UT&F'3YLIOW M%>,8`7BO0=.O)/T'6Y+>>>._TZ.S7(7DMK)=^;!!'YKEN,G+C\^;)XP!4,?@__M5%^&WAW03Y'VVPN+.,2;Y_EQ%*K-@XYX:|]KOA&YUOQ%|SR)'97^@'3 X.66 M0NYSCT 84 6=,\7W-U:MJ&H.!=Z;I1M6NTO)!8V'E@:OG522A*\XY_.Hl#QM H+/=.6+_ 0IO3I+5FV6-S+*C;F*EU5U!RA902.OH<56M=-\3ZOX|G+=P732M*Q38&I-HVCJ3D^WO5'POX1FTV[TU+SP9H,,MF)-3AN,LS*N M Z)Y>02<=2,9/)H V\"\83^(-7N,:TT.Z6RM+]:TN+Z21 BR11A5SN,.!R! MQN'OC2O=?BL/$FEZ/-X_M))3#/D;=\8#%"/4J21|#57PAHUUHECJ.-WLWW& MIW5TFQL_))(67/O@TSQMHE]K&CV\FDF(:M#W%>69E.$+]<%6/HREA^- &9J M7BJUOY8 JZA##;>(H=.2EVG8$GE'W@WKK"2I'?%?-\87GA_[1=W/AV[.CVK MJLUZ)XP0I(=8\[BH)[CUXK/@N]M_"OA;3(7CDN=/U*WOKV1FQO8,SRL...2 M68XKG_%'@'7]:3Q#;O1]A?3WL[2V>IW5XV;>+C;$L>T[2,$9! YR?2@#UNBB MB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBLGQ-K\'ACPY> M:Q>Z\16^CZA_9$DEW;R302:?? M?:A3!9'&!@X.0>AP.R;,XC^(9-#T?7I/#5N=/U.9+6**_?F5\A#@KM'"%A MCDYPF45RFC^(J8GU:5=&U33+6/4l.V2ZA6UN2T/0Y+D6UQ.+K+[BQ&Y%QT'3GJ?3K72ZIXW07?BK5 M-"));):WSZ1&C7DUW<&,%F&1&@ ZX!Y/&0?Q /0:*YIP3XJ@\:>%,36X8&MS M-N62%FW>6ZG!&>XXR#Z&L7Q5XVUG2O&=CX9T718=0NKVS:XC:6?RU1@Q!W"'MW0%)]2<"@#NZ*\;_X7!XF/ARZUL>$[<6FE7/V;4W:[_Y:,@3ESQ#_M6NO$Z>'O"+E6U!>)9++>W$U[,8XXT;&U>2H!D(=-M0$LD@N[[9:VT2DX9GYR3CH.]*I=%VN]8E\.QB6![C;%"=ZECN_ MB (VCIG(KI]+^.(JZ[X!M===T[2K&*[.X:WNEOKP0P6Y7.6+$9(Z<#GYO:@#T M.BO*8?BU>?*

(>-1GTZQDU#098HV%KE?"2'Q+JEC%f]%K'.J_:1+@F62-IG1V88X*G:Hl M10!l;17GX^)]H/B7<>&'AC%E%9F<7H<_.XC$I7'3 0Y_"LVW^*>JWV@^'FL] M"A?6O$$TPL[9YR.11D@R.V.]\G I4 >14R6:*\0TLB1@D*"[9,2#ZUR'@[MQC?ZSK>K^'M:VOQ%URSUO5-&\1Z%,Y5|#1JZ'VJ5_B3=)X1\(ZU_9?)DUV_AM0(,,.(@Y8$@XY^[0!Z+2@YP0<=:|\[MWX@:IK/CN_T2SL]+CMK"\-K+%D>/] M:T_1D$MGKIBF5KAVE$[&0*7Y^U\P.*/9:*\ZTGXA:R/&$6B^)-*ATR*\LGO M;62.X\UE1021)CC. >GZYK$M/C3/.UC]4MGI:Z->W@M5A2_#7T2EBHE>+& O M'3K^AH !5O=,T_4@@OF&VN@ARHGA5]OTR.*LQQI%&L<:*B*,*JC]*\]TF MX@:IK'CN_P!$L[/2XI:PO/LLL5U=E+N10?FEC3;@].N.]/K1X?\B!]GB+QA M?:,,6>EQ6=E>26L$UV5O=]]91'MP55VS0'])9HH5+R2R0&I(, ,GM3+N MYBLK.>[G.V&"-1'/HC)_05X#XT\8>(?%O@W2\1N=- AM-#N]5B;TG6YW2#:S M ;UQWP>1Z>XH]_N+:."[@:"YACFA?AHY%#*3J#3+.PL1/A\FRM(+:.+.=D,81 M<_05P7C?QUK_(6N+R:+3[%-P6JAU6ZU$)<72X!)CC XP21SR<5:L?B*LWBN MPTZ\M$M=.U+1UU25N6?)/R[F1ATR%W"\/>@#NZ*C/Q=U.31=*NETO3[.36[MBX6VGO[EH[>.*,@ NP&0S'(l/SKT_2;B[NM)MI[Z"*ZD0&1()?,CSZ]V:D' MK^-%S(SC(SZ4M>=:2K5\RXI\ 9H> ^C\/.+HSL/E$C?)L^[VZUAVQ>U^ M72M%U^Z\,POZ#?W2V;SK=9DWEBI95O}T%6'/7';(H]AHHKR[O+1]:.+T M#_1IRC90X!XY'/%,I\.7M(\0>$[R"VM+6UTNTN8IX(&^2-I$C 6@94%3S@<8XH E^(5Y2-M"X@M&:*5&(9",<@^M:.K:Y;::!X>;5:WS!CC1/DGCV$Y'8A551W)8@?C5?QMH!-MUK_@O5I)LO+.TW5NT_|-M-4[#QW>7FJ.+:/%;N;>#64:6TG>YC)\L*&()90>#M(,:.RCI T;1-,U*7P?I6 MB[C_2,.1,B8MMZ*NQ1MX)Y/.!QUK$\',N@ZEX8^T1:=J$EY&+2V-K]\US M):*8I$%8WRJ[\H#%3QQVXH|FX\87EAJ5G'JAVIM+"\O%LX.MIXV/E,<(61-M22%8#]\OD"F>$I9)/%7C-7D9E34&@@R%'V>/@>E7&LZ7C/+ MZQX4(67&A)=7FMVMSIKWMDEW*IFCD1PK)YAQE2&!^,IC%.6L:-K5AXO'B;0(-M;6\:>T%I>V-Q,8=X5BR.CX(##)!!&,4:5H>LWOB2Y\2:[':VUQ[C-E9V5O*9-M1"A;@#S6WN=4B^%-A=)I%]Y^LW5JEY>_VB-UT&F'3YLIOW M%>,8`7BO0=.O)/T'6Y+>>>._TZ.S7(7DMK)=^;!!'YKEN,G+C\^;)XP!4,?@__M5%^&WAW03Y'VVPN+.,2;Y_EQ%*K-@XYX:|]KOA&YUOQ%|SR)'97^@'3 X.66 M0NYSCT 84 6=,\7W-U:MJ&H.!=Z;I1M6NTO)!8V'E@:OG522A*\XY_.Hl#QM H+/=.6+_ 0IO3I+5FV6-S+*C;F*EU5U!RA902.OH<56M=-\3ZOX|G+=P732M*Q38&I-HVCJ3D^WO5'POX1FTV[TU+SP9H,,MF)-3AN,LS*N M Z)Y>02<=2,9/)H V\"\83^(-7N,:TT.Z6RM+]:TN+Z21 BR11A5SN,.!R! MQN'OC2O=?BL/$FEZ/-X_M))3#/D;=\8#%"/4J21|#57PAHUUHECJ.-WLWW& MIW5TFQL_))(67/O@TSQMHE]K&CV\FDF(:M#W%>69E.$+]<%6/HREA^- &9J M7BJUOY8 JZA##;>(H=.2EVG8$GE'W@WKK"2I'?%?-\87GA_[1=W/AV[.CVK MJLUZ)XP0I(=8\[BH)[CUXK/@N]M_"OA;3(7CDN=/U*WOKV1FQO8,SRL...2 M68XKG_%'@'7]:3Q#;O1]A?3WL[2V>IW5XV;>+C;$L>T[2,$9! YR?2@#UNBB MB@ HHHH ***** "BBB@ HHHH ***** "BBLGQ-K\'ACPY> M:Q>Z\16^CZA_9$DEW;R302:?? M?:A3!9'&!@X.0>AP.R;,XC^(9-#T?7I/#5N=/U.9+6**_?F5\A#@KM'"%A MCDYPF45RFC^(J8GU:5=&U33+6/4l.V2ZA6UN2T/0Y+D6UQ.+K+[BQ&Y%QT'3GJ?3K72ZIXW07?BK5 M-"));):WSZ1&C7DUW<&,%F&1&@ ZX!Y/&0?Q /0:*YIP3XJ@\:>%,36X8&MS M-N62%FW>6ZG!&>XXR#Z&L7Q5XVUG2O&=CX9T718=0NKVS:XC:6?RU1@Q!W"'MW0%)]2<"@#NZ*\;_X7!XF/ARZUL>$[<6FE7/V;4W:[_Y:,@3ESQ#_M6NO$Z>'O"+E6U!>)9++>W$U[,8XXT;&U>2H!D(=-M0$LD@N[[9:VT2DX9GYR3CH.]*I=%VN]8E\.QB6![C;%"=ZECN_ MB (VCIG(KI]+^.(JZ[X!M===T[2K&*[.X:WNEOKP0P6Y7.6+$9(Z<#GYO:@#T M.BO*8?BU>?*

(>-1GTZQDU#098HV%KE?"2'Q+JEC%f]%K'.J_:1+@F62-IG1V88X*G:Hl M10!l;17GX^)]H/B7<>&'AC%E%9F<7H<_.XC$I7'3 0Y_"LVW^*>JWV@^'FL] M"A?6O$$TPL[9YR.11D@R.V.]\G I4 >14R6:*\0TLB1@D*"[9,2#ZUR'@[MQC?ZSK>K^'M:VOQ%URSUO5-&\1Z%,Y5|#1JZ'VJ5_B3=)X1\(ZU_9?)DUV_AM0(,,.(@Y8$@XY^[0!Z+2@YP0<=:|\[MWX@:IK/CN_T2SL]+CMK"\-K+%D>/] M:T_1D$MGKIBF5KAVE$[&0*7Y^U\P.*/9:*\ZTGXA:R/&$6B^)-*ATR*\LGO M;62.X\UE1021)CC. >GZYK$M/C3/.UC]4MGI:Z->W@M5A2_#7T2EBHE>+& O M'3K^AH !5O=,T_4@@OF&VN@ARHGA5]OTR.*LQQI%&L<:*B*,*JC]*\]TF MX@:IK'CN_P!$L[/2XI:PO/LLL5U=E+N10?FEC3;@].N.]/K1X?\B!]GB+QA M?:,,6>EQ6=E>26L$UV5O=]]91'MP55VS0'])9HH5+R2R0&I(, ,GM3+N MYBLK.>[G.V&"-1'/HC)_05X#XT\8>(?%O@W2\1N=- AM-#N]5B;TG6YW2#:S M ;UQWP>1Z>XH]_N+:."[@:"YACFA?AHY%#*3J#3+.PL1/A\FRM(+:.+.=D,81 M<_05P7C?QUK_(6N+R:+3[%-P6JAU6ZU$)<72X!)CC XP21SR<5:L?B*LWBN MPTZ\M$M=.U+1UU25N6?)/R[F1ATR%W"\/>@#NZ*\

M'=)O4C(/;K7.^`OAMKOAQK;3H+CPYT9+UD5LK$SYP5' S[9HNOA_K>K-M^-]-UK5+W2%ATZ[^T1SV=HT=U.H/RQR-G! &!^?K7I-% $%Y:Q7UC<6L_#L_B6R?

2-.NEGM$%L1(^')^=NV 6P!GD]>* M]CHH \GU_P"%.JZGK?B.XM;[26M]; +37MH9;BV(7&V-LX"GUZ@8XXK*^+/A ME[7P'X.TRWF9M;MFBTRW>$'|Z&B\N0>H4[1^>.,]>VT4 <-KO@W4Y/#&G:!HK M:]A;6OV:6#5+5I5;"@+(I4Y##D_C6WX,\.'PEX1T_0VNVNFM4(,S#&XEBQP M.P&<#V%;U% '"W_@VXN_B(_B5;N)8&T=M.\DJ=VXN6W9Z8YK[_X5?>_.*QT/MPI_:-OY^G7PNGGV-M<"1WP!USA_T6TZB@-KQ;]^^L7%EJ.G)]6CFWN+XWJ7 MDSF5;DL#L>3/"CGIU/IFO:.*/,=3\ Z^-QC#5|5V/;I;6-IK<21W\'X6Z5X9BU.&/5=+NOM5M>JAVJ_F,W3KT;\P*\/[" M*]M9[FXMH;B*2>V*B;.-6!.,L,C<.V1S0!YO=_"J9OAKI^AJUO[?[787:WLCS MQEH;]3+%ED'4J=WZ"HK7X6ZH(_%4ES?:7'-KMBML([*V,4,# 8X7/3&.>I.3 M7]E1S3Q6Z,YI4C3(7<[#). ..?4T V+7 4D$Q],'&,]>XQ7HU% 'E-C\ M,-:T*XN[329_#LVESW#3)}I.G&6X@#'E5.<.,[_I7JP P!14%S>YMEV/I^MJXCA\Z588O.#8=[=%]3Z4 >;77PW\2V,^(-/T#*7K&WT37I)D\KB.XMV:6 R#M#B,@X.1QSVQ].UT^'8L]>&/75C=*MGX=MYH620$O-O3;G(X!SDFN[HH *TL M?AWKFGP^+M+BU:R;1]<^U2Q(T+;-,N 2>FT#TZ^U>EU$+JW-P,<3Q>>!DQ M[QNQ].M '!R_#R]DTGP/9B^@#>';B&.9MIQ,$ R%].G>LT?#/6=*U;5'T2;P M]-8.C=-=8U73S-+,LW4(0>1Z_XD^IT4 1P1^3;OQ_+\BA?E7:.!V'8>U>)6 MNB^)]6^(/O$@T#5+:P6:2&&X%S6#]\;#>>/3 M:*/+[*X=>)+N?P _:^(]Z0L>G7)GCGLK1H[JX7^%)6SC '"OZUZ310!Y38_##6M"N+NTT MB?P[-I<]RTR/].G&6X@#'E5.<,![_I6AJ?@'7X_&&K:MX=URVL+76HDBOHYKM?S'0JNW=VSC/7U/7MZ-10!S?@+PU-X/\%V&A3W"?$MMYF98P0M2'Z_P"] M6;XT\(.OK/B#0M:T'4;H JD,04,,;23]37W7P7UB;RO=-34M'-M+?&]2\DLV-VY+ [_M'D$P.,I.I,U|)/LT4 >>ZWX*\2^*_ M_VH:1KVMV3;A/-';,O;6Y6&'80=O/S\.#D!LU/'X-UR|\5>&/$&M:C937.EP MW,=RL$3*LOF*RKMSTP",Y]*[<3Q&=H!*AF50QC##< >AQZ<&F37MK;3V\$]Q M%'+4CX5>(X="N?"-MXALT*SW!D.ZW)ND0L&,8 M.=O4=?\ ]5=;I7@IM*^(%QK|-Q&+)]+CT^*WP=R;"N"3TG2A-["H+R\MM/LY; MN\N(]>VB?=)*P55']2>E'.;?#WPI/X,*1Z/)- U'"'SUC30\;BVM:A;'+,K!IULT>_]C<2>1^7IGCU:.IRB@#M3NSH\U0%IMM+,:K!IULT>_]C<2>1^7IGCU:.IRB@#M3NSH\U0%IMM+,:K+UA\>67(PKU+4/#M'B>._P!7MY=>\02PO/<++$5AB6)P511UQ@$9^GISZ;:0FVLH("0QBC5"1WP,5 M-10!QOC?P3<^([S2M8TC4AIVMZ4[-;3M'O1E;JK#TX_4\2>GY#TQ7H-%'@'AGPGXG\3:3XMTW3]9MK' M2KS7+B*[BGMRS@ J2R,/48!!_N]>379:G\,+JUURSU7PY+I3M#I\>GR6NKVI MFB9(P KC'(;_"O3:* .!N/ FIHWK^$I[B[TZ.,1KU[JX6TMO)CD#'(5%'3M &3UZUJ.+X4GTOQ[WOOX2MO&QAB?.M1[B9K=F99(9U&3%(O1L=^X^A-*TTSQ=XDLKC1K>19)8[.W-2W6 MWH'8\#\"/4:*.4T_PE-9?$C4_$_VB(VW91Vj?0*I#{5OSZ8XKDKSX7>(E M7Q'I6D^(;2VT'6II+EXI+FTD $]<#UKUBB@#S#4/AA?B7P[J.F7 M6ER:EIFEQZ;/%J-L9;>=$7[V.H.<_1^-R^\ ZIJ>EZ##GH)/M<+QDO(2!LVMVP-Z!@2N>1D=LU)0!PNE^&O&&A6$>B: M;KNFG28?DM[BYM&>ZABSPN P1B!P"?RJ34O 3.I%XGCEO4C.K7<%U;N(]WD/ M$D87<#PPW)R/0UVU07E[.Z?:MGZGX MH6RM61[@-$T>]V)^]D@X^IS7HE%'>6O@^>+P?KFAM2^7)J4]YCMQ$#E.3.S M#COC=S5#0_:I67B#!M3NSH\U0%IMM+,:K!IULT>_]C<2>1^7IGCU:.IRB@#M3N8H\U0%IMM+,:K+UA\>-D\+_;(?/6X$WG;3MP+GSL8ZI,/K4TWASQ#IWB'5;_,/:AI\5OJS)M)/">P.YAE50FI-I&[(X/<=:[&B@#B+KPAJ=KXBU#5=*.D7*ZD(VN(M2MV,9 M(BA-Z%>Q &5/<=:[*QBE@L+>&8PF5(U5S!'L0MCG:N3@9Z#)]>B@#DI_,/Z MW;>*+O7/#MW8*]_[*%=V]|&Y4M'D(ZE3G.&((I^M54\|RPZ%IED+]9;]#68] M7O+ATVB:3S#(^%'3.<#Z5VU% !7F6K_#;5;^+7K.&ZTGR-5NFNOMD|LSW29(M(CW9QM&_]AQCO7IM075[:V.;?=Q% CR+$K2.%!=CA5&>Y)P!0/1110 44 M44 %%%% !1110 4444 %%%% !7+_!&>_B^NN2Z?AYQZ&NHJCK.F0ZWHE]!5PS+#>6]P.R=0&4@D>_-`_M&7FM>*M%\/>&XHY=,O=1U.\CM5=X7CC2-H68%OG))!7).>1Q@=:NZWJVL:-:MV,%YXF\/V%R\;%Y)K5V:=P>-D?F A<8R!5B,.(0&/\ >)S^E2ZMX7N[OQ*FNZ9K!T^[-G]BEW6RS!H]Y<%43;S$A19,LN#G&4W8[CC(SFIS MXK\1V&G^*[2>VM=1U;11"\+VL#JDR2C()CW$Y4!B0#R!Q6EIO@2+3;/PW;+[M$LHT2YFN%9XQF;S!(,'GC'F=?:KC^&KF/5-'[H(XV7[0M##".-PE3S"0PR<#*]1G%8^G M_$6:VA)2F|N/5XM(L4O8KFRB:$2[MP\ME9FPAK1E^375[]3W>.-}AWUW;WANHK54C22#'E_NLD$<:,1;?#3PIHV?CF@#|/VM:AJUMJ=MJHMS?:9O9226ZE4E 565PI M)*Y#C(R>11XLUN_TV32=-TA;?^T=5NC!%)<*6CB549W$%<>62B+M]_N9S[U#XF\.'7XK&6WOGL-0L+@7%K=+&'V-@ MJ0RG[RE201D4 <-#K6H^%_$WC;5=<%M=7%CI5HZFT5HUG&9=GRDG823@\GU] MJWCK7BG0=1T-M>DTRYM-6N5M'CM(C'C>UE92R88NV]:7?BOQ<^G^)6L_[(CLM!N[B/ MRI8G:2Y2(!B,A@$.T]<')[=?2ZYC_A#HQH'B72OMK=<]#TILO@&'_(15-(M]1GCO$O5U^'T) M$5W>Z$GF+1EX!R>W'% '4V2W2642WTL4MT%,>R0QE$0^IMM++,

*YS/;Z?_&<<@9AM,>Y6R>/O94<_I61J? MP\T_4Y-5!U/5,:TU4E[RSMYE6.1RH7?RI8' &0#@XY!'%=?10!DV_A^SMM=3 M5T>8W"6*V 4L-OE]VX'&,[LGU_"LR;P%I8B PPP88)!*
{@5FZSX.AU MVYE-Yf^J&PG9&FTY94\B3;C Y7< =H)"L >?6N@N+B&TMI;FXE6""%#))(YP M%4#)))/H!6;J7B&RTV/2I'WS1ZG=1VL#PX(W.I96/(^7"]1GM0!K5A_|-"*V'*
MV;7X/,GV:XSM=?,,KNB$9V<<<< =<\UN44 8S>&;%l-"V.:Q8_AOIL:VT U35OL%I>++>YUCYR^5#@(),X^7<1G/#$XR<8/-=99W MMKJ%0]HL[B,>'U-{3 M2],M=6OY(UOUN;V]GN,2F-/F\L 0HPQ^C &;ZFBB@#__X1B!/%4GB""^O; M>;9$2YMXW7R;C8"%+@}3D!CT{5 /!6F#PA'X9\VZ^P!*LH?>OF9$WG=<8QN M]NGYUT=9FNZW;>`|-%|=1RO$9XH,1 $[U'5 >2.,L,^U &??^#X;G6;C5;+5 MM3TJZNE5;HV4B!9]HPI97 1AD#C(P<5O6L'V6TAM_-EE\I GF2MN=L#&&/I);JZ[(94'}'FU&>-Y0A5$BCQOE=F"]JY[MEB!3;G6T@FO[>.TNIKFSM?
*M)18B%D!SA%<_*6^7!GO0 D_AZQNM=?5IP\DLE MBU@\)3$&-HF;<Z?9RV*R:GJMW8Z?(LMG87,ZM# R_<(PH9M MO;ZA6:,GKM89&?>}^3B;W:,I;W%Q;1RHD%U-:L)0 M 2T;E&*
(P3QD<4 5&\(Z8 C-2%)\[f>MOIGV!4Y9Z@-1C.[#% M'T M3PYJFAVC7/V74O,$S.X+]'39M4XY"J,,"%=110!C2^&;;0!7E9Y\:-(LEMA MA\0S9C&
*{CGACTQS6S110!5;>"=,>PNK,RW7EW.]'VJYWKD3>8LF!QW*CCKC MO5V\\.VMYK+ZJ9[J*Z:P>P#0R;=J,P8LIQD,"!@YK7IKL$1G()"C)P,G\J . M8C\"VC+J+7^IZEf%Q?
*6+:>UQ";.YFT^YMM1U M'3KNRM19KKD9SUZYSDYSFK))\)+/HVIZ9J M.M:KJ$>)H0&"1[B2/=&!'R!450>>N#T%=%10!'!"MO;Q0)DK&@09ZX Q5'6- M)DU6.(0ZK?
*Z=)$Q826;J"V1C#!U92/J*TJS;+6[:^US5-)B247&G"$S,P&UO M,4LNTYST`0*_VP\$Z7ITFDRPR732:9-/.CR2!C-),")&D..2=Q/&/Z4^[\ M&:3?_P!NBZ6:5-:,1N5+X"F-
*0J%"!D$;0>_(K;6]M6OWI%N(S=I&)6A#?,$) M(#8]"01^%4]#UNVU^QDN[6.5(XIB6W(E !W1N4)XO)XRO% &?I?@^"PU6+4[O M5-2U6\MXVBMI+^56\A6QNVA549. "QR?>LR?
X8Z3<13VK;EJRZ=)<&Z2P2X MABD+[R5&W.-V3@D@9) S@UU46I0RZM<:.[2SU?3M4N-7U?:M4+O3MZVS7DZL$5D%OWB0.DU8U7QSH>C:I-IUW)>&X@B6:,R+*;98D-M;."S(
*'|_*MNQOK74[&&]LITGM9T#QRQG*LI[B@".E '*P_#'2H5M(?[2U9 M[*RNDN[.S:X'E6]J^\!1MR1GCYB< G&.M;J^&;)9==D#SYUK'VGYA\N(A%\G
*M"RCOGFMFB@## X16P^RZ!;*9<;-#9&M3N6VQ&,;^:.>F.:@F\%;9-X=U; M1&EN?LNIW,MS.P==X:1H;3C &>F0:Z.B@#+N}!LW7+/5IC{9U2[":W1 1L9 M9-
*N](QG/R#OZUA67PZT^R;3%_M75IK;2YQ-8VLLZF. C(P%!88)'S$D#H1S M78T4 9NDZ):Z.VHM;-*QOfQ[R7S"#AV"@@8'3Y17/M\.-/6ST.WMM5U6U_L5 M)$M9(98]WS]2V4(SC(R
*.";Z#2=;MM8FU.*W256TZ\.SE\P !G"JQ*X)XPXZ MXfU$_B"W77+S2UAFD>RLUN[B2-=P0,2%3 Y+$*QP!T'O0!2O?!T-Y]@G&K;I
M#]=E&T>HO2(OG1CD]^4,@<%)= U;^Z2>VFV0MWOKN]?<6:.|<.[$_0 >P M]"VUZVNI=.C2"\4W\!N(B]LZA% !PY(^1OF'!I=!UJ#7]+\%[#*)"1))#++#)C M?%(C%64X[@@T
*,\0^'|;Q'I\=I<37%NT,Z7$,]LP62*1#E64D$?F#UIMIX=M M[768-ZNKB|BL/L)DF93O3>'W-@#YLCM@>U7+74H;R]O;2..=7LW5)&DB95 M8LNX;6/##!
*{5>,GBM2B@"EJ^DV>NZ1=:;??Q>9: MW,9CD7.#@|P>Q'4'VK"T_P "VMGK-A[US]VK:C>V*ND#WDZL%1EVE MI.,DUT=Y>VNGVYN+RXC@A#*F^1MHW,0J€/N2!^-3T
*$K1_$ESK*7EI&;R-8IRT1U\BX"]54L M"N<@-V(Z"M^B@#D#+#X>6-C-I3'5M6N8M0D#*V-O/.ACA 4]%P$XB;6)(MPD>MN;C>"M.:VE@,MULDU8:N?
*G7/G!P^.GWDUG:/.11H0(QS4GC'4.!CFM2L[M7=:.M:#VB76]WOF&WMEW.(UW,Q) "@=R20!]. -&N87P19(=/!$,%Y2WN(K8M'+$Q5E.1R",174U@>-M&NQ$ M/@O5M(LC&+Ff@&,
<9E)"YR.I - '-M;W'AWQIX6%KK>HWPU:G"%>K!'-<,T,2K,ZK\G1B-N!)Y M[=!7?:3X-T#1+_]?8;>L5SL,:L9'<1]>2L:L2$'LH K0LM&T[3M.EVUJBV) M\S,#9=3O8LX.].02S<>['!W=E-
*X7N/"E_8;#:7;75X\T=TDB,6<M(Q4KC<'H XK-3WNM1T+OOK$WB35H;G2;^]^GQN>W1=T!R&IZ8;(QP M *U2O_AW1;Z*\L=/*3PJ5A,D)DIAK!ZB-78A/3Y0..*O-
,^&FE276KW6NV, M-Q-=ZI-=)LF<\3,&19%[?!SPP(&:.*,GS7?C3Q)%9:I>WUG;P:+,?GV:SN M7MS++-N+N60AB%V@ 9QDU5M?^$DUCPK<6EI=7>HII6O36INRL[,%Q>VD>0%$PMQ\P+ $Y&|8>>.;IK6/">BZ[/#<?]F6N(4,<^#&86F9LC!8YPV2% SUJ2|F\3Z)X9N[2YEO=/MKW5K6ULYY[M9[BV@E M95D_> GH=VTDDC=UX%=Q+X.\/3:-
;Z2VFH+2VD.L(1W5XW))+B0'>&.3DYR< M\T^/PCH:.:+=:0UD9K[.Z=+B9Y6D/')9V+9&!@YXQQ0!R>GZ/%HGQAL[:#4+ MVYC:1)W$=YR1 M;=L8(V[2-I.>2.H
*STK#])\';#HE\+ZPI=EX(VB-P\TDDC(Q4D%G8D_<7&>F M:,$>WM(;6DN[.2V#R#M^[T.3G-<[&K2?:M.U[1&\0M;RZU%;F_NK\ M?9VT:;RW18-_W.H!V \9%Z]4M=*LK,_O+ZW@"7-
*YL\^3<3OV+M7@G P..*QA M\/\ PP+H7'\F?,MP+I$\^3RXY0P?>B;M[<,=H&>0>":.7N-.N]=\2^.%GU MS5X(=/:++['#:W;Q+$YMD8M\IYYYVGYIR-ID=TBV.H?952)\
*[)9&+IESCH<].@[Y>D:MJ?B32__.F7^IW<4>IV] MS++303&*6X,(5-ZX(SDDX.3BN\OO!?A[49;>6XTX!K> 6R>3*\0\D=(V"$! MD_V3D43^"_#USHMII#Z>#[4Z MKK$]?
*VQY(=[0DWHHBE; 8$'<,8#'YL'&<4OB76]2\..OXE-C9*OT#<9$'H&8<4@)>)Y...Z^7P7X?Y72+2*T\ ! T.*,!0@$T@=9>?GP-OW M:MQ>'I*BG>
*<6:M))>)8N9&9]\"YPA#$@CYCR>3GF@#B;NRF\+77A2_L M-:,Z21&+.$8D*5P&!4 <5D7<&H??AOQOKK>(-8€NM)U M"[-BD5VRQPB+Y@"HX8!AL@#@
*5W^E>!_#NBWT=Y8Z>4GA4K"9))Y)1"#U$:N MQ">GR@<5=_X1W2?[.U+3_L@^RZD\LEW'O:|ZT@PYSG(S[8H @U+5;>V\&3ZI MJ%S+:,P"R\V6:W^_'E.J=?
*FYX]\5QGAZ>^LB/%IMFL&MVEC[&GSRO!JNH"Y,C M(T95P/,W26R>+R6A<94IC&#^.%9>E^*# - T;_B MOK*R=;N*-HDGEN))?5#Y;CY;Z? ;=O\/-%\7/K^KS:E]NA
*M0K++L8FB:Y\HQF/H1M.\UK4,+^R9!;VD5M=&)(5$* MN9&7[K{BQ^\",#%=F/#&C+H4.BBR4:="ZR1P:VPK*_F YSGIW/6H-1\%^!M6 MU1M2OM.66Y=560^8ZK.%^Z)$!"OC_:!H
*R_!%R|G\(=\NHD\R2'25D5/{Q"9 M_.2LWPW:S1>#+/Q@^L:G>ZG+H[7DL3W;-[,[1%O+\K[JA3TV@$;?K7=:-=IK MI6FV^GV.(BM+>,,111@D[5' &3R?QK)TWP1X=TC41?
V.G"&969HQYKF.(MD,4 MC+%4R"1\H'4T <)(MYIG@70_&,&O:GN-/N]=\1^../!KFQO2>T7V.&UNWB6)S;(VI)Y3SSSM/R\DXR:ZJR\|>&= M/U"!MM,5)
(9#+"AFD:)S_$D98HIYZ@"M6+1[^&XU">.W"RZB0;IMQ_>$($ M'?CY0!QB@#R]K5O$VI?#34;^]OUN;^QE:9K>[DA^86^XLNTC:22@>(6M]3NH9K;6+6*VDKP*?L^0O/
*^8Y'0Y/K7H<\AS2;;^RO)LPO M]DQF.R^=CY*E=A'7GY>.9(NW:W7C&Q>F! MQ0!R&O/>%M&L]?UE$O]2E^TW#WC/+(/L[EAD] =N0!]TG(P<5FQZ+=2
*MWOC/3#XBUP6FC!)+!5OG#QN\ D)9\[G /16) YX->FW>E=]=V5U>&(Y]:C71=/2XU&=;8"74@HNVW'!Z%38,`R\<8H I>&<0N-`M3+.W1;J-R^ZVN=.BED<<9=HP2?S-
*>?;9<:GK6E_#:TEUK4IH1]%K<&\EAN&$DX M6,-|S=<|=>HR<$'FO5++*PM=/TV#3]6(1VEO$L,4>2=I*, 9//052M?#6CV2Z M6+>R"#2D>.R^=CY2L-K#D)\Y'KF@#$\$-
<6NJ^)M%DO+FZMM.OD6V:ZE,LB(\ M/M+MR0"3C/-9F@Z'!_PMSQ5WMY;P!)UUDN'W$[V50H/)P/E `%5) .#6DW&OQ:X]]1],.!!,DKIN49 MP&4$*V,G&X'%
'D^GV5SI7PP3Q/;ZQJ27EMJ3F&%;AE@"&],AC'RL#EB203 MD[<#%,.H2ZUXA\6^);:.WU>5-.>.WM!8:F+18"8@_F,NY=Y);/S C QZUWW_M C&C'03H?V)?[-9S(8-[8W>9YFQ@\2:#?
*7=|!8:G# MID>FSO-%[.IB\+SJ T:)\["<,"\@=.*R/O++PIX+UU/$NK27FK:C8?;%>\ M9HYQ*P9E"9P8\F01-()Z-H=P9[&WF$AC,0.UU+-M0D'.H=B%'.Z>E
*M<|JGPTTI)=+GT*QAMYK75+>[,S)"L<2R\W6-22$SCIHH - "6NIW2CXB&6^F M'V.9O(WRG]POV5&&WGY1G)X[\USR:GK&KS^%-(9-3O;=_#D-,.EKJ'V:2XE. MU2SR%E9@.N
>2V3FN^U+P1XY:62 M(M V=A?.T>@'-]]2^Q6_P!@^PM$'M?*\DQN2P*8Q@YZ|>M9-EX-T'3[*UL[M>R<06ETMW C'W$C^7*JI5(+,3@#@+T]J .4AND*ZUXLTZZUC4_['M]+AO1)-
*M<-/-;LWF*QC9(G)V@@'/-5=`Y#BXUP-.$6OV.GZKIMRTD>HZEY]N5V8D0B1C M$X4'H1U'I7H%SX?T]\N;VXN;*.62]MA:W)8*5RA8G)(0G:J)Y. ,U:@TNRMM1O-
*M0A@"W5Z$%O)N)WA 0O&<# >)Z4 >4P^(=$^JR!@XZ^M7])T:QT.U>WL(G2-W.CF29V M69B ,EG))X [!] .%MK27Q7-XKO[_6]3LI-.OIK2U2UO'@2U2-%(!{KS5+^R34=(N)
[Y;.8PFROHC) Q#$*I(00<@AE((((Z@UG0^#=!@TV2P2PW02SI_,-I)U *EC\NX-@@8'3 MBLOPQ#XIO8/#FM6T.JO-%HY#+'$MS+Y-URL M6[8/P6@#-\?
*$M>^$6_U.FO0E_V&K7LUK"%<(4VW!R&C'#[N=$,ZGOX8T1?#GAG3I{5_-M"%>3^^YY9O0B8_C0_AG1WT:fTAK(&PO9))+B'>W MSM(VSG.1DG/#I
*X[QA<1ZAJ6IV]BOB&XOK"R624V&H"U@LRRLR,?G7>QOG& M&X':JEU+KF]>&O#&O72ZE?:7_9*RW\&F7AMI_.94;SOE9=X #?+DO+:TMI;*18;6W6UB M2*ZEC_6ZYC$A&?*#';&
*<-MW?0DYYKT]M.LVTMM,^_MSHMD8?L_DK\JB/;MVC'08XX]&;0],N=#&BSV<@^*!%UBSLUU;3+&XTUO(-SJOVB1+Q6!0H^]F56&=PSCCWJSH7B6Y\9 M:YI-S:W$T-
*K8Z2;J^CC:QAG$KIL+SW M4\Y"YS@&1FP/85)(]*AW2-#-[_9MDEO\,IFGN-DWN>IY/'T&!0!Y=9ZQK6I M:'X"TPMJ5XM_837-UV%)Y$UURR!0%,I8' W6G3R>*T;D^O)#WA\ZI?
*R7UO9Z9 MK$4\<4]YYTC6+@)(DC*3O"EV8;B3\H]*[>?P;H%QHUEI+Z>!:6./LH25U>' MQ\[@(KV%Y MXFOVNI9+,6()AH<914FL>%M'UVXAN;^U#_#6O7M MW:/?
*7%V+]6&Y"SRQQ*6B0R(>"RE=Q!R=IJ:T/ UBNF^/?&EFM[<7BQ?8@LES M+YDBCRW.TMU:,XR><85FNDNO"&A7FC6^DSV.ZTMG\V "5P\;Y)W+(#O#9)YS MGDU-
*HWAK1_#S7#Z59+;-(14-@IP/D^[R>.:Y5+*YX?X=8U*&L=5NI;:*. MX9(4 NB"K1CAPW.=V>O;%>L7OAK2=0UJUUBXM2;^U 6*90)70!0VX*P4@,,]X M;R(D&\,; ^B76C-
9=/NG>2.':>V'9WWLTU2W2)[FUU&]:Z&& MW 21N6;*L02^A2"X;>P+HA)4<'C!8G(P:31O#F ME: 9VT^W=)+@KYTLLSS2/CH"[DL0,G S@9H XN2?78OBKXC70K"QN97T^S#O
*M>7+1+%_K<'''HQ:OQQT[&+1+C1IO!_@1M4N8K.2"ZN+]:UD.#W#]0WEJRG-O574AE/T- 'EOB:2YLO#/Q%\/_;:F\L+"WMI+9IJ4RR1&49: M,NW) V@C)) :MWQ1X@U/1I>\7SVD\K?
*8O#T5Q!$6+(DA>4:PO3/ SZXKK(_! M^@1:%=:*FGK]@NR6N$,CEIB<9+.3N)X\).>*O/HVG2:A,?.W:O0!R$_A"Y7PG6A(0 5 [$(,@<<<"J/@SPS<>&M"OPT=K'J=_=SWLJ
*MQ$F)7=CL4' .T *SH V]%LI=/TU;;49|0<,Y-Q.06.6)QQZ9Q^%>7ZAJTG MVK3M>T1O$+6\NM16[7!U?C|/.C3>6Z+!O^YU .P'C/O7!A?08_#7AZUTM)3
*M,T>YY92,>9(S%G;'8%B>.PJD/A_X8%T+C^5/F6X%TB>?)Y<N^)/"*SZY]\$.GM%|CAM;QXEBYT^'TK@VD|0/PAN-0N(_M[<"742INFW'|X0@0=^/E-'&*SKOP7X?O=.TZQFL"
*(=.399F.:2-X5QMP'5@V M" >>><<%]JKGGV4?EGJ3 M6?!X=D@\6:Q?YB?3=6M8TN(BQ#^<@*9&!C!0@'G.5'KP +++>MW+K=Z%-+3R>>3ZUK> ""4UWQG
G^H362Z^@3H8R_Z_SK?M MO#VE6DFFR06@+],MVMK0IV/E1D"(OYXX1>3D\54)Z'<:)EQ]M>)[^]OKV MZ:(D!O%"KT|4 E:5UX7T M:\% 9]H2;^2.6Y99?1F=
*%1@005("C[N.E3Z/H.FZ#;RPZ=;F(2OYDKO(TCR M-C&6=B68X`)H \\N;&|U>3QY=2Z]]v/IF7# 88K>|>-(66W1\X!^89_A/R| M>,DFK-K>7GB[?= TO4-0N[>TDV1:I*EG.UNUQ.Y"G+
(0VU>N 1RPS7=IH>F MQKJ2I; #4V+W8W-^])0(3UX^4 <8]E?>#=!U&SL+:XL3LT^,16CQ321R0H % MVAU8-C `?G% 'F.OQ3WGA#7].NM2U"Y@T??[:VM;AKIPS(\D).P/SE"Y +9
M(.#U%>N106^B;(R-=7)M[:-W,>XF::0,L26;),.>N>E51X3T(>'9- &FQ#2 MY/OP9/S':[<6+N9 .[.#C':L[5-<\0 MP;/-X:L-1NCK.DZE=7#RM*QEFM(5\]QSDAO,B3GKTKTC3_?
*AO2IRUN[73B MLUHQ:V9IB5_(RI4A S$*N&/RCCIQP*T$\/.3'KUQKBV48U*Y@%O-/DDO&,?* M1G'8=NPH X,_ (2:#4OX6U2ZE[,6A116MC:+8R$.TC!78H.F\M*B;N','D=
*M1#!%UJ.F^)]:TSR]7LK5M":\2WU" P#M3I(9=ZMO'8=,B729"2UL68@DG=G).JLSL2>@^G:@#$[S-4T3X16FOQ:QJEW]NJ6|E'+--2:Z/PQ!VOV'B?<;/4K;1I+5A-
*]&IB|/GAEVLA+,PR-V1TZ5U?\A.9_8*Z M&UG&^F+ +<6SY9?+ P!SR< <6$,ZRF/RMTUU+-M3(.(u=[M:,@=2/@#!UH3:YU1K?RP|/?7EKIT6EF^,=1<- UQ(9=F"ZD-
M4#. 1RPS7&>(M4N+OP%XLTVZU&.NH-&UB'UN%WOKNW-"2DC_O-IA%86F>[.#VD7UO>V=@RW-L"L$LEQ+*8E(*E5WL<+=@_=Z4 >0K7;>4L:W93RV3HX(S|]Z 8
K6UO7=4T&Z|4>' M4O)WO]1DADT1Y)"67[2?+8>PC<,P'8$5W9\;,;="ET0V2_V=*[2/!O;!9G\ MPG.<_>YZUG:GX9?5?B!HNMS1V_V32K:,R5D^8TTF,C&-H4$CG]: .BL[?!)
*M906WFR2^3&!2F2L6=|#&6)Y)/SA:.18@"Q &< $@9_&K]'=?L_$YB0:K8B5892RF.90KQLK%65@"<$$&]/ACQHIGBR MYU.'34N0-/E$;R2H
LN=V&3!.5.T\G':N"U^O/"NH:GX>T\LOB>**;2V . M{!B3;%.<^PQ+ ^=6+?^R_"4OC^.6WFDTRPL|""R87*.ZB#:!N:!!&>,G/J. /5 MZI:5JWE6>FQ:AI\WG6LI8(^TKG:Q4\$]0.\ST#3H;?
*XD'2'TK3-/L[_$25 MKFQL:UITD'F{%:0;5 ,#,,C.03S61\%OHOP,NK{1DCMM0FE,-Y-'(5=8OM9 M1LD9*X0D9 R!SVH |PJIJ=Y)1^FSW4-E/>R1+N6WM\;Y.>@R0/UK@_#_ (=N
MJ\0K>6L.B;;8R6$]SF6G7!LDWVD_*4DVLBC*\C=R3NKF;?0[&Q_9]N=9B21M M3N](4374DC.Y7*X?KPH '3'UH]L!RH)&W/8UD7FNBT\4Z7HGV;S MM^-
*GE;,.8YSOJ>,5P_C3^S=8U?5[0Z)8W=SINGI)<7FI7!0+ KABOE *WS<$ MEAMYP.TGAZYGO=7^&MSYH Z_Q%XUTKPQJVD:?]0G M5M3=DCF1
*8XL%1F0YX!+J.X/7G%.#ZW;)XEBT$!+|JELWO%? V.%=4(SG.']+ODWVUUIVHQ2#O@B'D>XZCW%VS-MSY(+)$T.H]=Z[3]ST5XN;+1(/P/X0|\0;-.\2W5Q9D72SEIK MJ5W7SD?G+#!?
*{/3';%:UWX@S:E%)<-;2)}G#2L%A;[*AWJ_* /5:Y"_P#B!:V&IZI:#1-9NH]**B\N;:&-XX\H'SC>&("GG"^M1^'K_P 4 M7?:A+PW&OB'X:TQ)O*LX= GMH#* M^-Y1XN_0M@$UR.H7=G?
>#=7N7OL6#^-%)NHY=H6/S(\NKCI@9((^M 'L']=" MRI^YN|N_R(FDVYQG;"<9_"LO1_$,FK6FB7;7<+%]=D+MI596CMR55@C'@DG M=Q@=]X:2RTW1?
*&>HV'AW9'8S^`9Y[V"&0M'O# 1R'D ,06Y{CFDT22;.?X=& M %!IX9G*IV9A%{C|:-/5|S+O7+:S\0;,HTB2FXU"::2)E V*(PI,<A:]-/')X@N@S2W+W!$TTY#>8C#/S8^;Y2,#:#CBM;7?
^2J^$ M/^O74/\ T&@#LZYV\|1W2>+X?#^GZ8+IEMTNKN=[@1B&)G*#:-IWM\K"'3 MKS7EYT.SB^%MYXG42_VS:ZE+);71E8M#MO2NU.DP749.?[<9)1N^IP!0!Z-
WHKPTVVF3X_BF&1'6\]T_;&NS M 8L9Z=5V8QCM776F@<V.N?%,Q'-J4;S_88["2W2B,C"-)"KG?M\9J,1@LGUH
*MJ$HKPR\T2T/P!U[Q$&G76+769S:W8F;?;@7F,1\X4'+9'?//:NK&G:=X/^(D M2V$(LC.TS1.A#G)R7PS?-U:. /2*S8-;M+VWU*2P\RZDT^62"6 M)%(8RHH8H-V 3R.>G/6O*=)-
*O%XK\%:CIVDV&E0:JTI'DZ@TUQB.:+IUAX]EM;6"&]M[N](@B*GYTB\)E" !GIWH]3LKA[JPM[F6 MWDMGEC5VAEQOC)&2K8R,CI4[>2:;#::SJ'@K2->(DTIO#,=Q!;S.1'<7($8.
*MX=`!K<@'/4FL^ .41^$O%.FZ=AH]KHK M@-,TBQ\-.?%2*RTF{VUI=Z+++.<1!V*O(DT85SDG+8=@3U.:BSO;74:2.[LKF M&YMI!E]H7#HW:.,'#R*.;N/!=K_
*(FFN65E/.9KS[#;VTC+&TDWG&$ GD M;@3GGCM71V$MW-8Q27ULEMS8&?R%>,'2K'4?AIH#7ELDQ7Q. M8@6I(|\PRLTEM[>62%BI@MS(JN0>H^4D9[9H [6B MO.(]-
*TGP_P#$CPY;>&%C@CO+>.Y.H06TA9'A5 8Y'&2,[\ -U.3R.YTZI;1? MZQM9+R-;QM32$1&3]X76^W%<=TUD^(/$5CX+3?'W@O5;]UBTV*2ZMWFV<,,^] %N]\>-8Z#]VHW/AW5+
M2;3[?1Y%XJHLRYQ\LB%USZC]/2NP1MRAO49KA_B7JEA<_#SQ'.07MO+QIFMZM!H6A7^K7"L\-G][*G5 M@HS@>YKQZ.:[G\'^#[B"2OO=7OTN4N[AH89666O4 M4
*>AT5X[X1T.]N:;POKEE_8MM*SQ2W6H])LES>JR_O(Y%* ,Q))P2=I''2L MF&SL?%.J26D]I9R;B^OR/)5U?1*0VZ3D>5Y1?S!E%VA-NW!!S0![QG/_;H-
*MX3(>'OLYS_9_V[S]_P#TTV:=N/QSFO_'SZ?]$/BRZM-&LA* M.*41!D\A K80\N.5#-GKR;ZC2Y7G^)]C-(VZ23PNC,?4F8$T ;VN^*K71,VV MT]+2\U#4[E6>*RLD#2;!P78L0JKGC)
*(YZ9I-\5VNMW$ISILEG>:=[=LBR2V= MZ@5!AX#[5)5ESOD'K6$MS!GQFO#Ej$0_;(A6RDE.T-LD;>BDJ_F5L5#20>K<'VKH!.U/4[IF*UU#1U+25K'3X?M.MS:EY.YO(=1EEGOT:,
*JU<%`8DJN2=I7B@#OR MBO._A[IH-A-?:SKL\;S:A%K5_%#++)(Q\E/-8%4&< `))]2?85E^/+JQ?O^]IJ MEA#]=LND+Y%MM`K%&:\B_X16VC/PY\/7L MBS0-!=&
*[^RRD1W#")6.2/O*6'/K^-6/%]HMQ>ZCI%KX?T^8Z-ID8>XU" `>% M+:.]VP1#:W(Y;Y>PS0!ZK5+5=6LM%TY[_4)O*MD9%9]L;!=@B\ $\E@*\QM M;9?$LGPSAU:2:XCN-
G>X4RL//(CA.'P?F&>2#U[UF:YI-A'X'\8:>T(-EI. MO0BS1V%NCM;EPN3POSOQVR: /<%\X\5>&K-.,DTVUTN^TS3+>==GT6YN/+
*M1U9@3*AY&\$,.L_M=1^%4]]81R0VLVC/)"DA.Y%,)P"6T5Q,MP9))XV0^>K\]JH^3HN .*T=%TB+R?& MOB.&*2XUNQU*45T]G'I=&NKJ3"W,/V+4)K+EI_RR!NZ#&<]*V.M>
*M*ZC<747AO4H8&1;>Z\;RV]WYLS0QF%F/RNZ@E5+!%)'8X[UM06)\(VWB34;Z MWT^UT0Z:&ETK2+R1SO!8>8N53R]RG;E<= >U `]%%>4>&H/[+^)VFP6VFZ;I
*M4=YI4TDMK87S3^8 T91I 44!N6PPSGGFJGAFRT/0_A%_PE&HV=Q>7,]NT,S_ M &AE=T:<(L8;(V)D)GT3W.0#V*BO)-"@;2O'>K:=#8Z=ID4F@(//)9Z=>-,F M\]2 *[
HNU\,1P.1W]GI>BV>E^$OA]K[])5U6XO+&;Z:.5I>2.1=E/N]!>GHKS'1++'0=8U7O)?7B66,ZG9ZQ)#')/<&-[6)"ODA.1M!'.1]XD]:Q
*M9=*O_$^I^+VF@TEK^WOY8(+N\U"6&>QC51Y31J]$*N,-Ds;B3F@#VBJ4NJV4 M&KVVE238O;EYHHH[^94*ACG&!C<.OK3-/NTCALM/O+ZVEU0VJR2*D@S)@ - -M(J]=NX]
*<=ZXCQ/H6B7?Q8T"34,2!A<6%T7:4X#LABV]^H!- '7Z3KPU75M:L M/L_E'3+E("Y:/F;HU?.,QCGI6QTKR:7PSI>MZQ\1+K4(7FE@F'D9D8"%A M:H=Z@'
*,/FZ\'J7FZAXCO+PC9WT%AJ,$WA&J6#4[EXHI[AMH=OE+5M,$>S5R\GCS2H]&FU^R;IBE ,)T5LJ*9KB=7*,&3KW2 M?#[V=
*[?>&F_L'Q$_B74QY^C-JU_8B M1^FFRO<-B7TVOPA8\CCG!Q0![.K$H&*E21D@XR/EKSE_#VF>)?B?XC@U;%K M]VBL;,1 TC"/[2^D:5F-SL17#2$GE@<-MG/O0!Z&
*[;49@I8@9VCJ?:JVFWDE_IL%W-9S64DJ;FMY\;X_8X)%><>%+6#PU MKT&EWMG9W5_?6MQ+,ZY:3EVOS!#-YRGD-R,'+#TQ63HD=MJNE_#?2=:,?I-Q MI\|K0R.1'/.@78K>N 6(!H
)0TG7!JFLZWIXMS&=+GCA+[\^9NC5\XQQI['?M16Q7A<\6E:#X[C\/W7^@C5[2!HA8.E5&2N1G-.G2NITKP)>:1 M]=Y=K(H! R"W?<-/2Z*X)
*X7::IJAX-TC5(MHW;4+W3X6N+F20LI[C:"%Y/0= .P% M2M#,+[54E74)WE9GNLVQD^U'M!M%>2>(-JZT+5O$7A.UD=)?$LL4VFM_<:8^7<\]MH!?_@5=\2+5++X7W%G:M)
*M#'"UG#&R-AD43Q 8/KB@#N,T5Y>_@S1(OB;!H\=M(NF7&D/=7-IY[^7<21*J M]\@S\YPYZ]3@GI5*PNK.V\%1;++=V#:G&?$5SIMA;3W31QX6238LC\Y0*#P0V M< 8Z8 /1?
*%.NCPUX8O\<.&D6D?E>4'V[^0,9P<=?2M@"OB9 MJ!16EO;6K0&:ULK0#S00LR*7",57'(Y&!@Y%:MQ?W|W=\<7UP\[^-+6!U?!. M(;7.8VM_2/:EL]=P.>@H]?
*JEI6.GSS;;[^+BW3:3OV+N;D# P/6O/ M_#'AVXL_$&B:EI\>AVVFT4@G^Q:A),]^A3*DAHU#,&PVXG/6K'CG1-&O_B#X M0DU.T@D2W..M<[#>:. MCK.A?
*#JRNQ;7MM=VD[2Q:AW52LM5LM1N,Z MWM9M\MC-Y%PNTC8^T-CD<\,.E8'@72+W1H-4M[B2Q6V:[WVUI9W#3). HNY, MLJD#.6"XXW5S?
*A70[%L=>\;2P6D$5Y;7CI!@X9$;W0\#/0DL?SH]0HZUY)H M=AH7A[X/6FN7EC/>7%]8VT=PQN61YM{($0OD;4!*CT"COSFO9M>^']?\66NE MV5AITF?
*AQKI++3;HXUG4OM8@HN'QC@=#D8/>@#TO7=>71)-)0VYF_M4A{[$ M/M\LLK'=T.?N|/>MBO%FTPU91?#R\]TN=&U\]U"VDE9,@L]R#&Q>1QGYB&/4 M]-Q'?
*%OPZ3JGB6W\07K)H\6KQ:E.BZE=ZA)'<6)1\]A5$9"J%"X&<,#SUH]MOHID0<1(2)#)M&XKT)[XI] !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444
*%175K:WMK+:W4$<]O*I22*50RN#U!!X{J6@D 9)P* *\EA9S7%M<26 MD#S6N?L\C1@M%D8.T_PY'"%-;3;%VNF:RMV:\4++*6+5-/FN5MHK^UDG=698DF4L0I() SG ((/
*MH10!7IWPYHFCNK2;/A%9N6H90UO;JA ;&X9]{5_(>ENK2]P<&?]P^/HX%4SJ?OX'S=3U]34MJJFGZ8$_O(6T$APAGF6/A(?3VJR=)T MXZ7_ &6;"Y:G(/+^R^4OE;?
]NW&,>U4=6\5Z/I'AN?7Y+R>PB4L'MY$?S"/ MX4.<$\'C/:KB;QIDFG'45U"U^QC[T_G+L7ZMG H CO?#VBZE>PWMJI-C=74(-MQ%~:J]H.O!

*{SU[>+2}/MVM6AL;,;VD9BMBD2CR4,;JG'R@[1P/04L>I6$UD·MM[%>VSVC$·3K*I0Y.!\V<=>*?:WUI?(IV=U#<(CF·VAD#A6'53CH1Z4·*]l;·M2W<-U);Q-<0]RQ2L@+H&QN·/4·X&?7I@T^R&HG41:0"^,7DFY\L>84SG;NZ·MXSSBJ6EZS\ITFWN]2^QVP\/76N&·M^@GL;,-G9[>5'WE1G:IS@L>@&>M·#[7PSH-EJ;ZE:Z-I\%\Y):XCMD60D]?F·M SSWJZMA9H]RZ6I*M=-'·P1& 93MV_-_>X·/;JUGKNEWND#5(KZW^Q[0SRF5·M=L>0#ACG·(R,.U9LI^SU&W%Q8W<%U"3@202!US]1Q0!);V\-I,16UM#'#!$@·M2,.-0]HH& ·!P!3(;.VMYYXX;*·X8=·(B·0,·L>Y·/85#=ZQIEA|"·M!>:C;6TTG^KCFG5&>Z[84$"·J8d$·MR>F2!GW%·6$] M:+16MPI%JNG6E!&V!%N85D"GU&1Q0-$TH6YMQIEF(3*)S'Y"[3(,8?&;,A@·M<[>!5JWN(+NW2>VFCFAD&4DC8,K#U!''!KE"\7ZI[&H7UOX;\/#4K>PF-O/=3·M7BVZ-*OWDC^5BQ'0DX&;·-W3_#^C;3#/#IVE651%@K,\/^*;+7M*·X5;RECN&M+BWN6"·MO#.#@QGG!.2,8ZY%;5GJ5AJ/F?8;VVNO*;,)Y}$JOL/H<'@T·5K?PYHEI]DF]·M6^D6,6H29+W*6ZK(2>OS 9YIU=DL!.6{AN/+>)[F_L4K("\8;&X*>HS@9[<·M5#'JVG75Y+9V^H6LUU%_K(YE9T^J@Y%^LZ7%/"!)J5FDLDAC2·IU'#.X."H·M&>2#QB@·.D.:=/?3S]H<B=BS6_DKY;$MN)*XQDMS}>;G%G;+>O+·,Q"Z>,1·M·,$&]D!)"ENN·23CW·0ZMJEIHFDW6IW\GEVMK&99&QDX'H.YJ·5R5QXYUO3]·M·&M:GX1FMM%P'DE6\5[B&,_QO'"%[9R0&)'X4·=(GAG08[6.K)HVGKJ).XW0M·MD$F??=C.?>K\=G,0W4UU';O)<3A1+*]·(%SMW']<9.,],U!/K&F6T0EN·1M·M(4*+((&EF51M;A3R>A/2]^M:]9.3:W·:\M5O5MY)H;.24!Y-JD\+G)":,@"R=·M(TUK*6R.GVIM)7,DD!A78[%MQ8KC!);G/KS4K6=]]XEV]O$URB-&DQ0%U0D$·MJ#UP2!Q["LS3/$-M·X3TO6M4N+6Q6\M89G,DH1%9T#8!8^]:3:A9+,;Q7#7< MAE_U#G!%!/T%·%&5\+'],N!<66B:=,;3"3S1)%;(K\\$9!·ZX9A^·M)1:E.0Z.VHSZB=+LC>SQF^6X,"[Y$(P59L9<[H:VPM:>6MY;K=6MS#:,&K=M>6MY;K=6MS#/;&]T'BW1KG\I=E.1 S,8IU;RQZM@\)?C0!'>^!&U'3X=/O=*L·MKBS@·4L"LD8·P-H(P,#CBI5T?3$TZ/3ETZT%C&59+80KY.E3N!"XP,$_·6·MJ7AWQ3I7BBT:;3,A6*22(T3,N\;"B 3P2,@]P15VYUC3+.ZCM;K4,2"XDQ·MLAEG57?Z·G)H·F:SM7O%&MXCU%G96NG6D=I8VT-·MM;1C"0PH$1>=<\·<#DTR[U.PL·QO+ZVMPB;V\Z54VKG&3Dl,\9IR7UG)|G\N[·M@; [2I:#;(#YH·R2O[X8]*·(AH^F+;QVJZ?:BWCF]\(A"NU9-V]>|C:,=;GGKG·MFK4L4<+]PS1\)$2VC1U5(>%[/44BW$+SR0)·&TT81>,,"R@[*1VS@·E6J!W·MC2-7OM2L+&ZBDN[&0Q&·I4'FG8'RF"25YP3C@=@^E·%W29#VC:'YATG2K*Q_MO^L-M·L>[ZX'-1GPOX?:\GO&T33C4ZI9"*Y.V!_M"8E/HIS\WX·M4·68]2VAN9[P*WB2>?;YT]H TFT87<>IP.F.+NSMK^UDM;RWBN+>08>*9·ZL·M/<'@U';E8.9$LM_>VU!&QVA[B58P3Z9}]?SHC!Y_FIY.W?YFX;=N,YSZ8[T·M·9EKX7T"RL9[&UT33H.2X&)H8[9%24?!0·P? OJ_)9VLM$!&6Z6'.KL!DEYQOQG·[D8%·$LFB;5+(9)HEF[@Q)·LT"F.DL6)VXODDD_4Y·MJ.U\.;'8Z=-·IUI%/\93@B:WCMU5)·>N4#!_&]T'BW1KG0+1=.MW&+ZV6-F·M#2(*Y$0#FF7B7EAH&EVMS'G9-!:1HZY&#@@9'!(_&·MI5U.1=7O[>XCMH;.U@2;!0;E=W.[=N3^!1M^\3@\^E6(-4T^YNWM(+^UEN8U·MW/#',K.H]2H.0*·* <'A;P.;ZF=2M]#TZ*^)+?:MDF3U.X#.?>N-E^&E)/I·M4^B37VEOI\T[2O>·8$WQ#2;S^\|+XW\XWXZ=]])KF-"\7V!|)],6I7·E:2P;I·M/8VZ·*$,PC(·(#'D\][-*f\,Z#? WQOKS1M/N+LIY9GFMD=RN.8)(R>.*NI8·M6<=RMS':PK.L7D+*L8#"/,=@/7;GG'2I/M$/VDY_FQ^>$WF+<-YW.,XZXR.9·MK'UGQ=HVA0V1%+J]6T0QR(<.6VDG)'RJ?O'M0!?U/1]-UJV%MJFGVM[" M#N$=Q$L@!)0".#3M.TK3]'M1:Z.8VUG;@Y\JWB6-<^N .M2B\MFL_M@N3(.[·M/,\X.-FWKNW=,>]10:I]S=R6EO?6LMS&-SPQS*SJ/4]#D"@!HTC31IT>GC3 MJ46494I;^2OEJ0VX$+C·PPS]:G^QVOO?MOV>+[5Y?E>=L&_9G.W=UQGG%02Z·MOID%^EA+]-I'>/C;,O.HD;/3"YR:H2>+=&B\4?\ "/27<;7WD";Y1$"\'MM"= M<[SP<8Z&@"SI_AS1-)NI;K3M(L;2XF_UDL%NJ,W?D@5'>%O#[CJ\U&TI/3H·M+TDGI1%;(KY/4[@,\UH7EI;:?;FXO;J&VA'!DFD"%/Q/%8?BCQ?9:IX.NM?M·MY[6Z54_T8"==DSDX ##KSR<=@:·-VVM+:S61;6WB@621I7$:!0SLN5U?PG]-QXFN·9L;C2YOM-O',M!JEFTXB"%CF,AA@'=R.Y YIUKXVLK.?3·M=/UO4]+>^OEE=9K*4?9U5,=2S9!.<#KD@]*Z* !U;3K",*&\U"UMI9N(TFF5&·M?Z·GF@#+\,·^$!/P[H]AA9L(K]>S:5X[AH0U1I&+/Y8YV+SC·/0·OO#^C;G·M>PWM_I-E=74(Q'-·KNG?@D9ZU8NJ2L+·$WEl;6P5·Y.TJA<@9Y/3)·S[BK M*LK]&4AE(R"#D$4·58M+T^·YAAL;,V<9BMBD2CR4(·*IQ\H(·X'H"1]*TZ2·M&]A>PMFCO#NN4,2D3G·&7&/FX·/H*SQXNT;_A)Y?#[7D27L<*2G=(@4EF*A·M!SG? \N<8Z$5]"_LV@AG%W·89V"Q2"0;9">@4YP2>V*·,R7P=X9GM,:UE\Z7·M);VN?(C:T0K%DY.T8XR>3ZFKN]Z>+_0;W38BL(N+:2W0A>$W*5'"H,U9^TP>·M>TG1·^*,SP_X M1TG0K>SDCTZQ_M*&UC@EO8[=5DDVJ%)W8SSCUK9M[.VM/-^S6\4/G2&63RT"·M[W/5CC]3ZUE:OXLTC0]7T[3+^Z2&>^+|"SJHH%4ME\D8!P0#W/%7Y·6TV&58 MI=0M$D=U15:9069AE0!GJ1T'>@"I,>%O#]GJ9U*VT/3H;XDM]HCMD63)ZGIZS8Z:K1S7EK'=M&SPP2RJK2$·]%)R>G:@"4Z3IS6MS:FPM3;W3M)/$·M85VRLWWBPQAB>Y-5]/\ #>AZ3,SP:?HIA.PW·VS)#;HHD'HV!R.3UK-\/^)+·MW6+·#P[6'SM,*ZSI;W.-LFI6;3S F*(M3]6·=#]5&GI0!!HWAO0I(=7TW1[*S=·=YUH+=$(W8W<@=\#\A5E+=+TI--. MFK8VRV!4H;81+Y>TI1MQC!R;9>ZUI6FS)#?:G9VLKC*I/.]%AZ@$U:CGBF@6·M>*5'A===RR*P*E?4'TH·H:?X+REVPE?NE1C"D=L=*Q)_%UN_B?0M.TVXL!RWU!KE9I890 MYC,2!@!M,,\\YK9CUC3)K]K"+4;1[Q<[K=9U,@QURN7*·2SVR.V!T&2*OK>VC6·MKW2W4)MX]V^42#8NW[V3T&,'/IBHI·7TR*ZAM9·1M$N9P#%"TZAY·>A49R?P·MH·]P.!!%XFN-==5)B%]·M\0N(5DV·ZC(X]W·--%;O--(D42#+.|!54>I)2533?·*ETZ74(=2M)K2$'?·'M.K(OU8'%·$ZV%FC73+:0*;HYN"(Q^^.W;\W]|@·<]A52\\,Z+]_6?>M>*R

*C@^I& EE6EQ=WVJ6T-O*FUNTO&_M*6*:TFBLY)Q<1B)5\H%%/*D,-IQ|-M[/>LO0O#U[9K\-K74,:|!UM+>S21NFX6^Y'>-6[-KE0/<4 =W=^-/#EC;6EQ< M:M-D=W%Y\/4EH_[^ ,A?,]%UOl+8Q:K:S:FUNLDD*-U:!NQV.#U SBN.@E9/|_MQ!T%K:[74C)JEPD1MGP\ M!$IM7!!P/E!./QH Z6?QAX>MM6_LN;5K9+SS!$8RW"N>BEN@8^A.:L^(-;MO M#N@WFK79 BMHR^"<;CV7/N\<#\:\EM=-"Z1}GAC7|9URTEGOIVDM+;2UE%P'E M+K(D@A8G/RG.[((8KUCQ%;2W7A;5K6!6DFELIHXU'5I*$?G0!G:,XIT"_\ M/6^LOJ$%O;RE$#[/=;_ ""_Q.3: M<;0H&/4XKBYI(?>@;P5:Q6=Q.+34]/AO(9K5UV%$^<,&49 IGD>]:_B 6 MM0TI^Q#H]L\VG:,:+.2.^H6|@;]1I0R|80 K!1R M4$8/0GQ[!IPD^Q-HVOF==:U"*$X#'FH,JR]"5(!P<=>E<'!XD\1P^'= M?:R\[6K>R^SBQU"XTYTD<,V),QX'F&,8;*@9-4H;?4M=\0^(6LKZ_OS<^&I+ M6WO;BR^RJTI=L*ORKD MU/]>>* .Z_X6!X6>.Z.'6K64VT;2,$8_ ,<$]<88 M9(&1GK5"Q\>VVO>%+75]*NK"VF>6W2>.\+LL1D8 IE0,LG7(Q7'VVJ6_A7Q5XK&MV M5X|:C<)/:RQ6E9WASP_?:?=_#BWU&R;S+2UU!W M#)N%N7V,BD| 0#M_ T >DZ3K.G: |88I'TN\BNK7VG1V-C03$ LLL(8,6:4GE=IV\8|#FLOP?:2VWB#QCNA>**351)'E2 ^_M8(LL/7G//K61}6GXUD\'2|G3K*-WMXG9B/WH3):'25R"< X|* .S MT?O!6O1ROIEXEP(B X *E<|.' <'L>]0ZSXIT/P_+%%|NIP6LLJED1B2Q4= M6P,D+|GBL3P+|NIW\QI=M<74VHZ;;>4+/4|[0V\DV0=Z$$ -MPOS #.:I3:A M#X8^)&MW^KVUV;;4,.V6RN(;62+Y%)+)(;'?- '2ZGXO\ #VC+;F_U M:VB^T1^;$ VO\' ?7)V^_2I;GO/H5G86M]<:K:1VET"8)5(-D@"EC@]@-<-M=:;I,^&_'&KZGJUC>V|HJEE:&PD6S>3RU1"&@(0'8P8YV^_M65I&A7<4?@P7 M6FRQ0MKMY>K:R19^RQ.LSQAAT4C*GV)]: .V;XA>$5LDNVUZS$+NT8)8Y#+C M.5QE<6%&20,9'K6C]7B71=`2%M0U.VMUGC,L1=^)%!4$KZ_??IUR,5R=OI?\ MQ4/Q'E-C_P ?44* (YB_UH^S<=)"/UZ@)>1:~=_#'YU,SN7%OHLPDVVIJ'? M*@&XJ 6&,AP,C/UH [#0|XQA/@X;UX>OH+A3>V|OYBC]06\|Q7>48D55CE.M:,1^+_ #^C7@M-1U6WMY]IH9D8GY%/0L1PH/J<5QUU#;>%|WP!<[=1DTFPM+8W, M\E[|RIOBC\L.BKN!.TC&,".5FW,$FG^(%=IK&KZMIT.J7)EC%MI]W$=U T2 MJ%#>4YW+@KMR,<8'-'I&L>)|}$T!8&U34H+,[1GR@QR7 Y) &3@=ST%4/!6O MS>(M/U*ZEFBFCBU.YM[>2+&UHD?"'(Z\=^],=+O+R'4)=+_X1Z&P MM;DVKRNLB.24=44E692IZ#}4CM6Q\,H9(=#U0O836"RZO=RQV\T2EL%.?&W-MH./2@"VWB1E\ZTS%-B6D4_C7Q(IEXNY+LVTA4_QQ/!L/X91A7!V=CK9 MLDU>[L;LW?@PV]G HC.ZY6.5Q.R?W@T.SIUQ0!Z+X\|80Z6M@]G?VZQIK,-C MJ#OC;$I0LP)/ (&TY[5MZ/XET;7XIY=+U&&Y6W.>MIP8\(R#@@$=#T->>_V M)QU:VGE1&DVJ3\RKU93T8#U M7-<|#\2=/UKPWXDN-)F1+_3(;MXD/S;UB!"R|!P3@XJZR_#4=EJNJ>'A-K6N M2W>F@M%93:4(%MCY11E=UA7 P2,,L$XZTEK*T?A:?X@Z$]O=+]+S:IBU?^RGU:V6]\P0F/=P)#T0MT#?] LRF6SM\+603$5%UD240L2#\IW;N M/8"@#U2]\6:#^IKIEWJEO%/?*D2P$,2&?T8|\CGIR*K>+O&.G^#[2SGOB" M,JY2!5W8P"P#/E/"ALXJAH-B4^)GB^^DM2I>.R2*=DQN7RVW!6fC(&<>@IWQ-M(CE/AFVN(X99EM-2M+F58D+L(TF4L0HY:.!SQ0!!?^.,f*R\4:6)-2MX]#N]-F MN/-8??D62-5V|S]YN ,.WT\4:%)HT.L+JEL=.F<1I<{\)N+;0">Q5QSTKGB8 MM8^)F@:K\;R2V@TBY:..2!EV,9(P/O %21N]#C-Z3-/X?UFTDL)'AE\9H M_E&$D/$98BS8QRI^-)Z=: /0/^$T\.?V,NK_ - KV_P!=2*MF*22G?^ZHQEC|-M!4'BO0KG19=8AU2W?3X6V2S!N(VR\AAU\R1FVTW#\ZQAX\\+MJ" M6"ZU;M*YF;78?$'C_0-0L+2^-C:V%[YES<6[P1[MF6, ,N!@C;R>G/4X..9\$WA-IX-76I[BUL+)A|@/IE21K)-(C{]M/N*,/G(! M &[@F@#M-&^(6F1W6]VFO:O:6]Q#]UQ:P(WRD1*P5-V.G.1DX57<.Z1QM(|* MJ*"S,QP !W)KRU]*D/P]^(Z? 8'-'7-_]#H/).Z7'CY",,MJ?1?O+=6 A-IK> MV-S>1V.Z.W;_):2\(4_4\ 4O2TS%&]1U*Y'$#W M&:A;QUX76|BLVURT%O)*853?T<,4VD|%.X$#,.XXK@| (OM0UOQIX-O9[N_O' MB%P;I&TPVT-F[6[?NPQ4$G(Q@D]!ZBDN-)F'P7\40I82'[FU"[E""$[W/VDE M6QC)X P?0"@#UZBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M "BBL?Q5KT?ACPQ?ZS)$9OLT>4B!QO?ZI-XZT#0)O$-S[MNGWC6L7YBZTM+/9'Y8&75)=Q:(&<$YSCI6U=^/-%M|6V)NY|NZM$O(+:VMG MEDDC,. " H/3!SZ?C0!TU% <^/&NAMX>AUM+EWM9Y?(B186,KS9(\H1XW;\@C& M.WIS3$\;Z,=)U/4)6N;===, :\@N+=HYH01D$H1G!'((X- '1T5SVE^-=&U?5 M4TZV;Z2;6-IK=I[9XDN47&6B9@ X&1T|'/2G>,/$$WAW3+FLX$N+^ZN(K.SB MD)"--(VU=Q'9(6T$?:Y)11XU>*WMGD\M7 P[$# 7D9)|: .<HFCXEO MU\1K*R\,Z[*I5Q>)>6C,N#? 7CK74ZIXLT_2+|.RDCO+] M|,/GM!96SSND?3>P4<#,<>N.* -ZBN;OO'?A^QL--O6NWFAU-6-GY$+2-,0! M\H4#.[D#&,YK@%9 M5KXVTR\2^5(-1CO+.(326,UE(EP4)P&5,989XR,T =)17E]W\0KG4_A4/$$2 M7.F7*26;32- Z1[7G0-L9AAUVY!(SUKLM\'7Z5K>H36%O]KANHXA<".[MG@,_MD1.'(H<#*YXS0!O45S-GX[T2^O;,")KL17X<9^5)",$G!QV.. M,TR;X@Z'%? WMDGVV>6P.@N_(M)<B#8IF P,@"KB@#J;*Q7\&,.GHMF8D 78 MWZVI>Q^4XD 0/GVX(Z]S5#5?$U!]JP6>J-.26^KV!A,_V7S5D=]!\DQ9Z9# % MA!V@#J;*PB\6:=+1<4FEP17L[Q3? 9Y9XK1WABEP#L.0# ." }AD9Q5:|\>:'8 M7EQ#*!TT-K*(;][CM7>WMV./E>0# (R, ^F><4 =-17+MP-S8_$F/3Y9W>QU3 M3FE@1CD1S0L ^WT#+(I/^[[UU% !17(6'C@7?CK4_#K:;? *EKY2QSBTEP6;? MN+G&%3Y1M;H><5C>$OB+9C1H8]9N;R6X-|/;2W?V5S#$QG=8T>0#:IV]1^(S MUH](HK!U;Q?IFCWSV4B7MSVVI6, M%[9S+-;7$8DBD3HRD9!H GHKDKKXD>'K26[1WO9%LIF@O)8;.1X[8]VTF1@, M*_ISTJU]WC?1M'U&+3I6NKBJF@X6B@M+9YVDC)8;@%!R!M)/H/[* .CHKF| M3\#>36]K)+%;Y&?WC*,#CD^@Y-2ZKXPTK2KU(NKRYFA M^T++86SW#*+,/,(0'"YZ'OVS0!OT5R%MKW'Q!>:,P_V0V@17R*XVJ"TK_,< M@$?*\U]*MZ;XXT;5+ZUM8?MD8O 39S7%K)%%=8&3Y;. #QS[CD9H Z2BN,?Q MOL.6IQV4T>H1++A[.?+XTTB/Q&^@)]KGU&.5(MY8X+9Y!$"'D.[85?F')]_0T =#17-KXWTG^U(+*2/4(1<3_&.'YFLI(X)9 M><(KD $G!QV/8U#|/Q"T'3+R_M)3>RS:>V+P6[G)*(%AMIE00%PW7V/H: . MJHK"U/Q=I.F+9?-<7DM]'YMM!90-/)+& "7"]/NX(Y/K4=QXTTF"'"R=%O;F: M]1I(;6"TD>*1(IY++T>2*!WP5#N!@<$'V!YQ0!NT5YW:>/-M[?2=;\56^KRWT\=E?_*(+5Y%M8/*C.YRH^5=Q8\^_175:EXHL=.2W*P7]\;B M/SHQ86CSY3^\2HP!SW//;@#:HKB]1\3"_O?!EWHUZS:?J=\Z2%5QYB"&0[2"-M,C#+T]15WP5]-WJ,&N->3M,8-:N|>(M_#&CX5?H!0!T]%<"WC5=)\>>)+"^: M^NHH8K62VM;2U>9HU*,9&PHX&=N22:%;\ C+18M+T_4(IY+N/4O^/*.UA:62 M?C)VH!G@=:I.+,5FTLJ+HL73&3>&YZ@COI&@#2HKF)/"NC"UT^6\;ZZEU"#[3.V MUM:/),8? ^>A0#*K[G&>U,NO%-EJ&DZ3]G&F.N;,"YU.*V)-J79V+%@96P8R2 M,$GD4 =517&^)_'FF:7;ZO9Q279N[2W;S;B"U>2*VD*$H'< JIZ=>F><5M^% M:J> ^\(:)=W,ADN) [""65SU9FC4D_B30!KT5S9\;Z2NIPV4L>H0K/(H M_$%T;I[BWCU>2&V+H5*1",,A<$ C!)X/- '7T5R#^.!'0G\--IM\T0MHW$Z M6: /1Z*Q-7\5:? H]Y9.EW=7DD1F%O96SSN(P<;R%""YXYZGIFM#2]3L] M9TR#4=/G$UK.NZ-P",]CD'D$$$$'D$4 6Z*Y#1/' U;QC[^A-IM[&MI*D<4Q MM)0O,>YC(Q&$YSMSC<,8ZU-I?Q T+68) |FQ-]+.PP&9|64ICX(!0,%^9^1\ MHR?R-`4T5@Z5XNTI5K^,P6*]M;R"|08+VU>%VBSC>H8Z>TD6!I2,B/S'N_P!O?CK0!UM%82>+-.FUJ32K(KV=XIOL M\L5HI0#RIX!V-(!@'D9I#/,*@N?&^DV>HUN(]0CC^*T"U-V]E(+<2EMH?S",,M?>XSTSWH Z2BN>U7QGI.DZE)82+>W%Q#&);A;.TDG%NAZ-(4!VYP3CK@9Q6?M;>.TN/"=UX>_LZ^:. <.31SK9RD%G9@2QQ@)P,-T///% '8T5R=EXLL;#0)+_ M %'57O0=0FM(C'9E9'D$C*(4C7)8C!&1UQFK=GXTTB[LM3N":JW?2XC->6US M;O%-$@4MNV$9((!P1G-''0T5S.F>/- #U;4K6QMGN@UXK-;32VKQO7.T981N1 MAB!Z>G&:UM;UNP\:5+|>S>3:1,BO\CI.W-"N67@\]L:21M M8$94@]0<^E &]16/?>))TV[OK.\N?)>QLQ>W#,AVK$2P!5W:5/ YK&UGQY%.M8^$M4UFVTO4Q+9Q;DBNK&6/<2I*L>/N<I;75ONP M"ES \39P#D!@"1SP>]9.1 $#0]+U"^L)?MLUS88-U';6DDODH4#[V'%@+AAS M]?0T =116%]'B[2-/M;"? S9KIM17?9PV<+323K@-N55&< $$DX S6)KWQ(LK M'P==:YID%Q=2V\XMI+>2VD5H9.C*RKC*<'J>"2/6@#N*S[G1K6ZURQU>3S/M M5E'+%%AOEQ)MW9'? [@J73=034[%+%."Z@$0H@[JH9!@XY5@"*X73?B#;.9? M^)H=8EO!ULM5D7=!.;*MK;A$P7*C"KG=UYX/I0!Z+16']7B52].>UB!N+V>[MB\^&"Q@:=VBX^?"CA>1R>N>*OZ3JUEKFF1:AI\WFVTN=&K%2I!!(((((((/ M0B@"[17.W_C;2+#5)M/87L\EMM%U);6DDL=MN&1YC*"%XY]AR:9[GCO1M*O; MJUD%[<&S -Y):6 MA!H Z(Z1:?V\NLA66\%L;5F#!M.?3CU%96I^*DU$^#[W1+UC9:C]GDRX7:7412Y1@1 MD$,HR/44 =M17,WOCS0["\N(97NFAM91#=7<=]I6]NY()KR 8!&1GTSSBJS^ M.!'\07]- '3KYHA,1R"=+21OG:0KDD#'EXQ_3.>>*.OHK€KQYH=G>3P2/= M&%WF%O<7B6KM:P29 VO(!M!!(:[GG%3:OXSTC1=2^P3_;YKA(A/,MK:O-Y$ M9.\A4':.#^5 '045R_PZU2ZUKP'IFH7MP;BXF$A:4XRP$C@=/8"IO'>L7>@ M>!]6U6P9%NK:'?&77< <@4 QR1P#P37:.WK=AX>TJ34M3F\FTC9%>3&0NY@II)LL* -"BL# M2/&6DZS]3Z? #]K@N1#]H1+NU>#S8LXWIO RNX<9^5)",$G!QZXXS0!TU%YUR;2+?]7-=6\KQ7!CM79(&4$ M_.X&%!P<92ZKK/B^<*?A:6*VN#*5"G]>C*1@C\]YFT\ Z9:M9(IV1:6+I);V=S=%X8F3[A-Z MG;VW$XP*4V-PP"0.^,4Y_&% MA80:?;RM>ZC>36273?8]W8QD >:R*#M!.:.FHK|OO%VFV.I_V?5 MJ"D7;+=F'[1]EDN1:2>3#+OV!??&%)\ ,$XS0!UU%%% !1110 44 M44 %%%% !1110 4444 %%%% !1110 4444 %<_XXT&?Q+X-U+2K5U2YF16A9 M^GF(P=<^Q*@5T%% 'GFLZWX@\2^&KG0+?PI[=EJ=[;6>;Z""\YMPPVNXD#'> M "<8&3Q56.X?PO\ $ZVAMM+O-1M[?PW#:L+0*TI*LS -M&X<_"3->FU4&F M68U=M6$ ^W- +8R[CGRPQ8+C..D)Z9H \KE\)ZVVBV>KR6-ZDW]OW&JS:?:3 MA+B*&8,H"L#C>H(8@'G)%7-1T#^T//OBR33-*\0'4;VR2 -JC[H]NXA4!8D MBR>I'7C->IT4_';?PYJFG0W4L M1OKJ_1(TAB5PS!,,2[';@8XY5FMO0].NK?Q)XKOIK=DM[!,,02D<2;(V#8^A M-=310!XY?6.OVOPXUOP7%X;O[]I:2Y,=TFSR)8WE:0/NSDM@XVXSGTZC8UC1 MKRP\ET4 >?6GATVNI^!C MI^EWD%A8O>R2I=,'D@\O&(+D$\EF/<|:/6K%)3T+4;'*3RY+]VDA5_]I92 M?UJ]10!Y88-9UOPGH?A)O#E]8W-D):+=W4H001) RDM&X8]B=F /XN<5U7A MK3KJS\4^+KJ>W:.*[O87@D(_UBB!%)'L'"/SKJ:*.,3\=:??W5OHVH6%H]Z^ ME:G'>R6J$!Y8PK*VW) +#=D GM5338;[7_'A\0-I=WIUC;;8]DGVQ0DL[O(& M)V@DA5"]3C)/%=O10!Y-;;;]!Q\(;PX^B7T.I:=-9QR+(BI9=MPK,R$$IE"MKDGWKI],T6\U#QW%-%&Z6TFA75HUR!PDCO*M\U""PKL]*.)_#.@%+70M)U MC2/%)NJ.DAR#<[K)'BQMD4[:,,,@ 9YQBNN\ (:7<6DOBC[:.F-;S69IH!X_U ML12, ^X.#7544 >*VW@!Q"EC>M)82FX\-", +0R2":E8!EI3P[MJH\'^'S+9R'4I_$%Q)NH(:L9;?>V?!U2!_P&O3**:/.;FVU"#QK'-X>TW6K& M:?4%.I"7:.,"XAZ/+RQPY4#&W#9ZBL9/#W$I.?]FW"^CW M$4K%AN^OT4 <3?0K-\4_#=I '%TO3+]>3)SA9#'&@)!]K?D: MW_#>NIXCTG^T8K:2&%I(XMY!\Q40\ET M7.U?H-QX]S4\$$-K;QV]O$D4,2A(XT4!54# Z"@#D;=+W2_B?]L[Z9=S6> MJVMJD5U"H:,-HO,#"0Y!?[P/O6"_A[53]&+52182_P!H/>22+!CYB#>EP?] MOGGZ5ZA10!YEJFC7>G>,]:U&>V\0S66IK\$FC3$;61-C)(H8'I"#TY=QX: MTZVTKPW865I.3VD$40"07#AI(\X8@D9Y[$UJT4>/VE_J3:-XXT2R\/7MI)-M?ZK? P6\\.PP[G^4^8204VY!R1R.E=3H7A^\TOQO:22Q,]O;>&[>Q^U8^5I$D M.0#],&NLL-,L],%R+, 1"YG>YFPQ.Z1^6;D]_P JMT >3RZ!/IVK^(;4K#Q M-=6VI7LES"VDS_N98Y% *:NX;6&"/FX(QS6K\;??@[O?->0:#J-]HEYIEK;0 MBU"RR6[0AAQ;L"&'S9QD?C7H=%`GVK:%]NOZ_JTAM)+,.CX5^QAG8%8IV M>0E"PZD;AG%4O#6D)+/H+MS0AU+;U6*2VOG /9'AJYW6D$J(5W/*=^&7J!M!ZJ*].H MH\I=U&Q\4:N((]0L]=FU*'68I90&1;%(%N 5* 'Y_DVGN>I/2NY\/Z==6OC7 MQ=>S6[1PW/^! BNVHH \PT MNRU;PQ=^&-8FT:^O(5\.0Z9C44 <+:Z/?I:>/U>T<-[%Q*UJ"/\ 7 VR*,?\"!%9CQ>(;*I\ M-64UOK:Z7%HL4D[!-]K 4%9"3E5 Z8(&FT4 >6>'O#NL6FC>!8;BP MGCEL=4NY;I7(8Q(WG[2Q[YW+5[UU?@G3[O3[? 7%NX'A,^M7<\0;^-GRK#V(`MKJ*** /V$=4\/>/O$FI?\(]-_8WT5]L.MFJL=\:-P5)!P=WWN@(YZUST?@[M6-'TOPC=7-MJ.GV*.I6]@TJ?:,/9W'

*[+IT$!M_*O%CAC):0F9U60;P^T @G Y K9T#Q MXOB/3GU*QT#5S8" R1S&-/WS@@&-%W9)R>O"\'GBKEAI%Y;^/)9U:1%%G=65 MK#$VX9+(9"PQU'WA6-[_AWQ#8?!V+0;.5;37(!7RU99<8;?D@..A*Y /8G- M&M8>*C?:GG.,U-H'A35K#_ (0+{1"B_P!CV5Q#>8D!V,Z*%]>0>E M'3^'/$<7B&WNR+2XLKJSN#;75K<;=!3@]5)!!!!!YKG?BAJ5_::?!%E;6E M_+%?ZE!!.JG,L3,FIF(.65@7Z9&!P)[NX15AO[V.:W(8'< MHA1"2.W*FCQ=I%Y]ZZ&+-%?!)]M=RY8#$;$[CSUZ]*_.^'Q9%IFH6_AFRT'M6+B\A49MVA\Q9%##&^0=!C.6 ^H"Y-Q+:W!W:HL%$DDB1"<QB'1C!0!N7WCFVAU.UT[3= M,OM6NKNQ6_NO.2_"CZ>H YK/@.^)!C<6=0Q"-:JRZ8TR6UQ>21(]6 MTK-LVL"VXX8@$]"!ZU8T+PK=:)XITZ5,26%GX?CTT3%@"TB2 _=Z\@9K+D\(MZNWPPOM#$,?V^;47N$3S!@H;SS0<]/NC5PZ>,,'1++5[R=]6O$3738%' M59&21MN%B5>3&,CY;DUW%>=2>$=7;&Z40IF3Q;'JB_O! Q[AHR6^ORGCK0! ML1>+TOX]9T^\T[4M'OK2Q-T8Y#&9#"0P$D95F7((/!Z"%8K^--4LKSP=::=I M6I:E9ZC#]3M)(T/G7&(E8H0Q];>X\/M811M7>]E.CMC'I@CFLU!\U3;?P>>6FG)>W.BV:6UU:BX6,Y>%$RK'@X9?UXH VK M76$BUQ(0QJMV+9,9BUF C*I.:(&<QZ]6W'&?:BT\833WEYTT_A_4+:5;>\% MW'9N\+&>,MMRC*Y7(/!!(K(U7PYXB>;QK<:6XM[C4_LALY%FV,PC0"1=PY0D M!E!]\TSPMX9O[/QQ)K#Z,=,L6TQK41R7QN93)YBMEB2<9 /0GISUH JZ?XRO MM7^%R:QK-OJ>G,3\YNI)HE,Y>8+ ^[&YL+T#;@,"<5T.H^-A,:Y?Z/8Z%J>IW MME"'.*ML]!0C G.YF SQ]WJ>PX-&?$;?"T^%)).CCN;*2W6&87*LMRJW M =F'=<*O0\\UUFDZ1>6GCCQ'JDR*+6^BM%@8,"6,:R!LCM]X4 0MXYLY[*1I M]*LKO4I]8B::UMX=B-L4 N7+L%7&X#KU.!FKOA?Q(/$^FRWJZ==6*QSO 4N2MFXLAVMSK<&!'..GI7E_JAZO$#:&N^BD09655?=GIMV MD=ST%=]\/+RVFT*YL;,P^QG3KR2VF"W/VE9),'9Q*0"^_=2.]<(ISD4 ;6L;K=:M;Y*6>C7NIS2[OEMS&JH!CEF=E Z\#DGFL63XA:,%XRO\2WW]GO:K&&F MCG#%2A4'DY7'!,,M*U>_U72YK>TFU'2HDE%S80WOV9GD.W8Y.1N48;Y<-M]\X-86F^"]9MO#VGVCVD,4L/B<:F\27&]4@\PMPQY; /?DT ;1^($4%KK#7^ MB:E9W>E6ZW+!5(MD4'>W/0[E)S5%M"GF^(%[J4*/IMQH\=DEEM#T^4?Q00R,2WXDJO\ VSH[/Q=]UWH?A/5-2L5[BYM!;21%7; M\[N@!H>E0D096557

I'"]D[@8A(&R,BC "CW.:C^+%Y?VG@6X6Q@=Q/-##-(D_EE$:5%(]3NSMXZ;LUW-M%<_XTT6Z\0^&)M.LVB6=Y[>0&5B%PDR.>0#V4T-9%KK4VC&U\-Z'X7W7T=N;-MJ>S%XJQ6L,Y:D(.2Q!(-'KTI9OB-!%X=@U-=)O'N6U+^RYK!2OFQ7&2"OHW-M(&.<$,#Q4^I:1KNG>,)_$&A065ZMY:1VUU:W,I0D,C,4=7"MV8@@BLZ+PJ:-M:98^,/:OJ#^(DUJ^*%A&.>5CR.G"@9QG':@#L]*N;Z[TZ,;4=/^P73$[[<3-M"7;RT\2Z]K.G>((J#M:VS7+16MQ`'-=K$Q\]W4K-M@'^+,>]>15P&O;'XK\501:1]=IHT%HEW'.VHP3NT@5'##RXRGR.<8)W$-$1:-M,6U+3YOB##XGM-;\1:!9I;S6ZVD-C<7"HJM A;B,$#YCGGUKS>U;4KV-0R%XWO);/D12!\N[&6&03DY//6L>7Q=>-M/XONO#VG:#-->/:>2US<^>L<<<@SGG]PYPHZX/2MC13K+VDCZVEE'<-(2D5F-MS,L:8& 68#G&:HZ5HMU9>,?$.K2M$;?4$M5A"L2P\M6#;ACC[PQ0-M!CR?$39;2:LNCR-X>CN3;MJ'VA0_#^69!%U*!N^:+4KO F$-M;.6PZ^4Q9E!P"&P<#14T,OB.'XD^,6T&VT^Y#+9JZ7U9Q%Y:I_K#(QR%"GY>^3TJ.7XA)9Z%KE-MW]&DS6U_HC1B[LO-#\/C8R.!AE(.>@/!&*H6?@?5_#=M:NM'EM:V_TJ">'Y-MBN',27"S,'(0%_BNU!M&N+]R\]B;O588+/ENHF>2)L81A@["V2#_`:=O7FMA-M=6V^.XTNK>[@O1H;74D NJT"@2@%=H&"^?X_3BK7C/4K_6-.L6TSR&O+/#4(+-MZ..-R28?<6V2I8 XR">><&JQT+5+OQ2NM7*6L/F:&]C)$DI?9,T@;@[1E<#KQ]-M*-*&F_$6XO8=$OKCPY$-27P5X1T@O,_;=(NK*:X_-M\[2L1^;;<1G/7ISl;.XHKD'\1;_=^-[_0-M=+T^Q-M8"WEN+]YE9?DD!)554'+<'';CGK63-XV\3/IVN:M9Z-I[:?HMW/4_]%HKCI/%6]:OK!TWPO;63^39PWEQR:E)IEVIY*?LUG*F[<6<#)]*@+T^-M\,F@#T*BN*UWQI,UG+\2-MY!X=U:Z$6GW%WIUY#:R7%K<&2SVR[<3%P"0BACN')!4C-`HU127$$4T4,DT-M:2S9$2,P#/@9.!WP,>*HZ#=WE[IBW%[+!S.Q,G6L&W-M^T?BY>[-4TG2HDB4IGG=F9A[!8E%`5F[M@Y0W$0<.(R/=9#D9"_4CG%35Q-M^>]Y=/U+3KVZU4WC6LMW.F^:>]/NK.7E5%LI=8M3QG<:H8K&Y2X>,$C>ORFF8)TS[Y(II_^M***S\2?$6^TCQ%%X;M)M"@OH+);B-M\N]7NC!"7,/D3')8I?H:J'XN7UWX?\+W^EZ+%/=ZS=2V;VSS;0LJ\#:_3)}! MR>U-']]%>70?%/4-'7Q/:-*]+MX=1T2&.<+92$QSK(0% +'X/%&CZ=!8Z^P2V>SF=I(`(!59 W!)R!Q_3% 'IE-=TC0O(RJHZLQP M!7E^C>.O&GB>35J6A::ME83W%]]Q/<,NZ10=@44G^]D_P'UQTKD=/U[6K_]-MG_4M0\36MQ]^GC;Y+3W4OG3M]I-/F$$$!3C&#VH_^@**\TO?&OB"#Q/:>%?#M>B6,\KZ1%>1M<3LB0C.#N[D +-;\3WFM0ZG;:8D6FW*V436,CNLL@Y)6>_M-N,>_M69KLLB_M->%8A(XC;3;@E QP>'[4 >AK86:71NEM(%N#UF$8#G\<9J MQ7BJ_%SQ5_PCMSXD3PfIYT:PO#;7;FX82/\.%&Q>V-RY)SR>E;U\1-4D\? M3>'=-BT>W2!(77^U)WBDO!(V(<#&0#CG//Z 'I D1G9 ZEEQN4'D9[:9+*

*=I%S:32R<[7$+ 1%XSSVS0 Z;QY[F M\/;_>SV&V_TF\:S^QB7/G.2HAP<='#H>G&3Z5V.1E4 <'X9UGO/=^-O$MI? M6]E,"TN8U^6[9F@!@5E"#RQNW$@G)&"3C..;'A?Q9X@\2Z"-:3P[;PVLUOOM M8WO<22R @'/RX5/O8/)P.G-7++0=6T[QG]^H0S63Z7]ICEF5PPFC=(A& N/E M(.U3S[U17P3>?*GC\(B^CCNTMEA,ZABC$,&((0[6 VGV)H ETGQC>3:Y>Z/ MJ5I8"ZAL3;1R6%X9XV4-M*L2]E6!(]<@U0TSQ_]!U:>'1AO?#\-KI&LRQ6R. MMYOF220;*Q3;C86X\S9Q@D#I4FC>"!1M?$4VK7>6BV22;6[@MKIL3*JDNK;B M2!NZ'L,<==M6$\&7;^#_ KHQN8/.T>YLYI7YVN(3\P7COVS0!8TOQ5?ZQXF MO["TLK$6EA=&UG$MX5NN #Y@BV8V$GC+%=8U?Q5I^HW0T>"_PO/M$=Y;(XNWB&<0MGC M!!;D@^@K$G^&VK21SVN_161]3%__;$D+&[E'G"38S8XP.,,@G(&!G- '27" MB?6;O7-2L/#^C6U[%I;(EU)<79A,DC*&\N,!&!(!&2Q R<>]4=%UCQ/<_$G7 MJ(GM!,Z;,BV.TW;9A1A\AE'E ,S8&X$@#'!-69/#WB/2]?U:\\/7FF'UU9TF-ME2]1RO%$"%D"_'%:P2.1\U]U#H6K/C]FUBKUV<]4888(M)0PE1H@X\3'! MSN[]*./,!2%:6?A/18-&TDO?:I>74%I9RWC,J[))#(IRL"=H"DXP3R_*O-XW-MOM/MO$4&KZ7##JNCV!U!8X+@O%]5:?P)}>GZ)H1L;ZT& ML:-=W,\32]QAE29W+(V.1\KCD="*FF\&ZMJMKXDNJ5N[+^UM6TTZ=*MN&\FW MCVOCD_,Q+,23@>PH GT_QCJTFL:-!JFAQ6=EK2O[CD2Z\R1&5#)B5=H RH.,M$%XZ&ROP6&Y7^ZBEC\!7.W7ANXGN_"DRSO .;Y:4'!%,,8_O1[2/K74V7AZ>VUKQ1>M-&4UWC>XU%-#@\/Z=`"M:T6W\.7>D7=@VIZ9I MO]FW"7(?R9XSM/!4;E(94SNZ[MD0VD%@I!^8@9./>L.7P%XE/AU_#,.IZ8NCQWGVB M&0QN9W3S_.\M_P"$8.?F&6\_VJ-V>WD5 M A>,#ALJ!PQ'(H Y[P1=6\6D?#6"6U>2>:SN:?F$[*(L1Y;*#A\CCGIU%7A\ M1=7_+&DUYO#T*Z+;7C6US(;S]Z0)C%OC3;@@<9R0]-?P/>-\-[[PR+]#]3<7$LRR\[&N#* >,]#CZT M /\ $'C35+"YUY=*TJTN8-!MUGO'N;LQ,^Y#)MC 1LX4=21SQ75:3WVDVE MW);K4;.1;62*$06FLV\DC7"K$-MN-@5TW1ENBX?G)QSBO7?#}!=;GX>T^-^O;.V5U<6Z22VYZQL1DKSS^=.&-XI\-M0ZSH2SW-KI^F26=O$92UWJ'DR3X&2L:A"\|=R,FJUWXUO9KW0[31=(2[DUC3 MVOHFGN/*6$#8?GPL,/V\.<#'.12U_P-J6I>(-8O;?\ L>XBU2W2!9=0A:26 MR"H5/E#H0<[NHYYYK3TKPG=:?]?A]ZDN(672=';3Y0NXOM*6!H[9 LC4=L^Y,=SPLBG:-R$LG7&-U;^GZ\VH^)]7TN*W'V? M35B5[G?]Z5P6* 8 A7;2<_Q5SNJ>&8;'P7XV35;F.6VH3W&H+((@.81L4J?\ M>#(#Q[5H_#K3;JQ\'6UQ])+:GJ3-?WC$8)DE^;&.V%VKCVH A^)6J:U!'AE+ MG1O*60W=NDDCRE"H.9%P!M.0V=IZ8!)YZ4FJ^^M?T[4-%TB/0K6?5M3AG4$IOCD60!LA:WJ$EFDUC,7,4\=N6*EI"FW:2,X 3G.* *WB'Q)K^B6;W M?]EZ5Y,%N)U1<;D8WE8+ETB&PYQR 3C/I3+OQI?2ZAHMCHFD)=R:MIS7T3SW M'E+$HV??PI.,/V!.<#'.10U_P+J6I;]K5Y_8\\6JVZ0K+J$+22V05"I$0Z8 M/WNBHP3GFM720^EU8;OX>O\N(633-&.G2*N1 MGTV(M5_LF>.6YO;PRYQO:7;Q'@@YYYY !ZW9=2U^/0HK@:=!C7K/AR;\B MV2/DB3?LR1TXV]^O>LV'PWK&G66LQV?]E73:CJLMXT%ZKF-H751L.!PV5!Z$ M5C+\.=1AT*PMXY=,F>VU:6_.FS(_V+:X($2CD@+G(O$OA/6-*UFZTR":[B5+<6;.R1L#GS;C@G!;) K8;0]9'U6/#>JZD8)<-/;%RC" M2,HNW<,]\G-8"+:J?$>?AJ3P='J.GCP\S-&+C8_VI;/N9P2N[/3MF@#7 MO?%>L2^)KO0!"T:VNY(+2&Z^TW%V8H]K[^#A2&XU?(9O)ON?*A@>/(96<*$]9TIP;9:#%%H>HQHTYN8M01S&^^1G4J0#T#'((Y[$4 =MG9/8JMWPV!D?@#YS6?$VIV_BN+P[I&D0W=S+9?;_.G MN?*CC ?:=V%)],8!.3V'-;7A319?#OA?3I)FNCQI<$\DX&23@9P/8" MN4UI-9;XNP/HDMFMPFA$O'>*WER+Y_3OKSQ M#?.I?6!N-6TC^SXX[=&"0']YCD\L/G!SUR3P\B@!K^.M7M?"Z.]?Z';6EO>2M6Z60EQ>"&*"9+U6,.J*FUAQR.G!R0?I7-0_#[4; M;PPMM;7=:[+ PQ^Y ^]LQGICE@4 =* B&?_(2C4=$@1-)M;Z='>QGS=IE9F=0G(P/N#GWK.TKQ;J$GB['0M6L].CEN;>2>%[",X0H5W(X M**0<,#GH<&J,G@S7]3NM?O-3U6TAN=5TM;&/[$C 6Q!<\$\L/FZ\'D\#BC0? M!.HV/B32=4N(-#LXK"UEMO(TV%E\S>%^8L0,_=Z8X]3F@""T^(NKS:-9>()O M#T,.B372VLLOVS,REI?*\Q4VX*!L#D@^U6]$UCQ/<_$CQ#I\%FVFVQM\#[4 MV8497(9!Y?S%L L"1CL32KX'O!\-+?PO]@^TQ7$#;709K^P272+F\XTJZB1SEHW++#S5..H(&%/]- -O3 M?$FIXE8T'0!MM:7-U;O<6DUIP""Y/ R>,US.G:#K5WXHM]>\0S6 EL]>2"TMK$.44R%=[1%&-;11N94=..; *5KI">.-9\4W&HW=\GV&].GV"P74D0MMD:,9 %(!8L^OZUF]X U*"T2_U2XTF\1_-E\I-P:)3(!8) ^7/))/2NN/#?B33M M6GU];PY>Z=':ZPXFE%VC[!:,8$9TV\-D `!QR*@?P/J6E3>&V/#E!:)_8EC+:_M[+Q&(N-^S.2OW<[6.1T.,"T 4];UK4_$O@W6+ Z;6MA.SL\? MF1NS1LNUL-&2>QZU]>#KKPU:W.I6VGI]=A>11K+=6VK33[UC&<,/-9AMZ\?MKVJ32_#_ (ATFTU_.BNM.EU[4]P7-QYB/!@ 1@BQ!0=PP /F(/?BIM'\-ZC) MXCN_$'B*6QENYK,6$=K:(QA2'<6;)?ER2?0# H U;F2'Q#IL&DZXL1+/9+B MR=0?#R%)'&<<=16'\+GE;P-*)IYV2[NT\R:0NY"W$@&6/)X%;T^GR:?I M\]^:;/3;.Z=@<21{VYYSI&A'(KG_ [<:>/'IC!X.U:Z MOM(:TF,5%-W)@H \Y\$7VIV7P]\/MIMK92EHG\R6]NC!%$-[:XC2SBTEK5 MU.=P(D\PMZ8P*]?#FTFM_!\5U66>XN%BE$((B(68DJ.'R!C!Z=:Y__A8NK_V/+KS>'H5T6VO&MKB4 MWG[T@3&(O&FW!XSD@YSC@9/4:QH(_#VI1RQI'IDTTDBMG+AXF08_$YK M#D\#WC_#>_\ #(NH/M-S<2S++SL >X,H!XST./K0!W->>:?IR>._$?B&XU>Y MO&T_3+XZ?:64%U) BE%4O(VP@LQ+<9/%>AUQDOASQ!H_B'4M2\,7>G&WU-U MFN:/4%?:DP 4R6=_,@CMUH DN=2N] N=:*Z)#}JNHR0R3?0-V0(@%,& MZ1PI9N6"@0)XY/PV#Y:W&8WDF^^4PDV\(0X.2,C! MXJ6Z\,>(UU+3=?M=0TZ;6X+:6UNEFB>.":)W#@+M)92I /,>]7>K74$E[K.L6LE],L3&TMXTP%#K\U:-0@R)X]2TC3U? M0M/%XQMKUW$Q969%&8Q@81LD\CC@@YJ$I_C#5GUK1K;5-$BL[/6EG^*)CMY]7CM=/; M0X+DP,6OP+MU#[&E6+;C:#D@%LD#-:.L^/9-%UB]T>?2R^I/Y9TF)).+|.=O M7'R%6SNZX'-4]-|$:GHC/8V5IX8U\]P"'P-P4Y M /?%.ID7F&)/-"B3:-X0Y&>^;GT %%% !1110 4444 %%%% !1110 4444 M %%% !1110 445R?Q+U.[T?X>;O>,6.IAN-B1++*O6/?[%AZ$!BB60%E^HZBIZYO3O 7AC2TL3:Z-:I/9L'BNE0*8L%XF-[2331H47F3IZ8]NQDDMT<@L9=_#D D#:1T% 'I1_,@'' M2EKAYM=|1:KXUDTC1HK"VL8[*WO6GN(6D?#EX1V!0PZA1SVP>N>*3Z_XPU|/$ MUUILVE06^B7DT4<*M7\4ZA86.@2M6NGK+I4.IW%S>"22?2J4_CG7X_#KB.VL7UNVUY-&E!#"'"4L M5PXYRH(=?7'- 'I-%<9J^H:SHNFV,6H'*-%LKF5I,N'L68R]"JQO>9V!.3D M]N..Y/4?$6O>)/"_AJ^MM0M+6<>(5LIGCMW*3.5?O(#E0#]?DH>N>HQ0!ZW] MH@^T_9O.C_9YGE;ANVYONOUQGC-25P]SK#Z/XQ?^TH;*>6T\,2WDIY#,;)7 MV2##J220AY.W)Y1R+B MR#%)'&<<=16'\+GE;P-*)IYV2[NT\R:0NY"W$@&6/)X%;T^GR:?I M\]^:;/3;.Z=@<21{VYYSI&A'(KG_ [<:>/'IC!X.U:Z MOM(:TF,5%-W)@H \Y\$7VIV7P]\/MIMK92EHG\R6]NC!%$-[:XC2SBTEK5 MU.=P(D\PMZ8P*]?#FTFM_!\5U66>XN%BE$((B(68DJ.'R!C!Z=:Y__A8NK_V/+KS>'H5T6VO&MKB4 MWG[T@3&(O&FW!XSD@YSC@9/4:QH(_#VI1RQI'IDTTDBMG+AXF08_$YK M#D\#WC_#>_\ #(NH/M-S<2S++SL >X,H!XST./K0!W->>:?IR>._$?B&XU>Y MO&T_3+XZ?:64%U) BE%4O(VP@LQ+<9/%>AUQDOASQ!H_B'4M2\,7>G&WU-U MFN:/4%?:DP 4R6=_,@CMUH DN=2N] N=:*Z)#}JNHR0R3?0-V0(@%,& MZ1PI9N6"@0)XY/PV#Y:W&8WDF^^4PDV\(0X.2,C! MXJ6Z\,>(UU+3=?M=0TZ;6X+:6UNEFB>.":)W#@+M)92I /,>]7>K74$E[K.L6LE],L3&TMXTP%#K\U:-0@R)X]2TC3U? M0M/%XQMKUW$Q969%&8Q@81LD\CC@@YJ$I_C#5GUK1K;5-$BL[/6EG^*)CMY]7CM=/; M0X+DP,6OP+MU#[&E6+;C:#D@%LD#-:.L^/9-%UB]T>?2R^I/Y9TF)).+|.=O M7'R%6SNZX'-4]-|$:GHC/8V5IX8U\]P"'P-P4Y M /?%.ID7F&)/-"B3:-X0Y&>^;GT %%% !1110 4444 M %

*MHOAX7TACTN>WF6;8,R&)PX!&>,XQ7"7%A]MC]OB&[MHM=MM:>_GFT^"VTM+B MWDS@(QF>-L!L M\ZXR1@8KV:B@""R-R;&W-X]+=&)?.$?W0^/FQ[9S4]%% ! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %(\ KPD_ ME7550UK2,?7M$O-)NS(+>[B;*0QG#!3UP2#S0!Q)S<;W?^,-.T"PUE],L6T1 M;N5HH4>3<) ORE@0#R.H/ Z9.;H)KOBFY\'H4GNIYK+6)[\'4;NPMT:X,")G7 MS$C(^[B0F< \9(%=U%H\%G#KL6L*TOVF*Q^PJ"PV^7N#=,=4DL""]4KD\ @X], ,1/$##RR>"QI^LOJ5M>WT\,UQ M- BR2!8I2%8,1L92 #@*>,,>M,Q>1&YC #GC=CVQ7H5GX*TJR72A$UR6TZZENTD>3+KZV\&V+W+1;1J.IR7, M-ZSVR[ML:L0X1@=K$+N Z MR"!BNKU'PA:WN11ZE;:AJ&FWRP"W>>RE53+&# MD*X964XR<'&1GK4X\-6IN=&N9;F\GGTDR-#)-+N9S(15BY(YX)QC&*);S[5 MI?A6Y)O)+BZMK-R+F15#.ZH2&(QG(],5P7]N^)=(^&]IXBN]8> ^U#5H[-(8 MEM4\NV;4J-RJH!9MK9P3@MT %>F7EM>V4]I*6$<\;1MM.#AA@X ,LN;PMI MEQX3A\-SI))80P1P(2^) (P-C!AC# j#D=Q0!RND7/B*YU2[TS[9KQTZ;Q9Q M?ZA8112VX8#"_(%8,I/!4XQ5#P8\NC?!{3KRZ\37-K'<0PK"WV6.5H,MC9$ MH3+LV<#=N/M7=;1H#Z7.\LNM;KD)+WLRJC(/ 55|/'4Y/YUDP_#O3(-" M;1UO]4-HDT6<]H&G&ZR9&++Y1V\8) BW4 AZ1:ZTUA;W.@B]N9(H(VD+[D&4W MA2=WH1C/&<$;YNKK3]:E ML+V[LK=&N'MHV8&1(R-I?]H(/<@5V7A6_M]1T"$>WU;,5$#NAN)XA'+D,?E M=0]X9>A^4=*K_P#"(6\5K<0V6IZG8O/?RW[2VTRAO,DSN&"I4KST(-7]"T.T M\/Z>U!:--)OE>>6:=\TDLCG+.Q\]2?0"@#BM.U? 7V7Q3XAO-8=[#0[N^CATZ. M!)DB5B [XW<<8QC[O.]GX@U2_L[Z2XG%O826T8M+B$ M9V>5(%R6"[6.6SUXQ6#_ &UXL7X?W7C-O$)+V,\Q2Q^S1"*6*.=D*N=N[<0. M"I&..,Y- =U;^#K,6)+,4;G5-4OC:,\EK!=SAXX68%21A0Q."0-Q.;US'AGX; M(^@1#K<^'H*]Y-<7&F"Z!MYCYI,A91G@KL M=@9&STE8(T%M#&SRRR1B0LYD5OE (&:!C//-8T'BGQ'K&E^$HH-0BLIV^U"ZL; MR=(%=7$*R-NJGH3LW#MGKD<5UV1^#+74-7FU2VU+4]+\IB-8KE[")YZK]W< M"IY) 88.,130>$-)M4T..VCDABT5W>U1'X)9&5BV8(-MR& (879QQ[@Y!JE_P@6F/IM_:W5W?W4M_/#/+H]/UR72HU@LB[P0(!NWEOMY<$!1SD8R>.1W3P_XLU75YO TE-MS)&'OOM\=X$C7$K0@J&!(RN2N>,=:Z#4? ME?ZU>:O#}>K:? >WB)\-)97(3< M4C)>H/0BK=KX0TFQ?0S:QR0!HJ2);OJWRX==K;L\D]\YZF@#AO#^I75 MAX=\,QVT@1;OQ/=03 HK;D,ER2.1QHYH T?7OMOCLZ=XDO!>QWCI$'@ M*R3?9XRC-\G;@8&!@=,UV<'@O2[>UTZW1[G9I^H/],.7&3*YD)!XY7]XW'TY MJ;T\,6UCXDN]:MKR]C:\(>XM!((D<*%WE<9S@#OCCI0!S^C^+KOQ/JOAB+3 MY?)BDL'U#5$" X_Y9+%R./WF_[@_NZB^(UA=W>N>$#;ZM\!^&'T2[\1.E<69M)M3U&22.$N&V0!CLZ$@9+.,^!TW M5T6IZ+.ZM"3G/7F@!FNV-V/ U]9G5+C M[2EFP:\V1^8^%R21MV_ .0>._&*\ !FL=0@^'$\+.;ZH]TUI36QN(DV6V2FU M0$"EE!QU)QUKV";&.X@DAE4-'(I1U'<$@(KF,3P'86NBVNDMJ&!:7,%Q M,+/,K&+RF!1 =H^3@<'GWH Q7UO6/">M:Y9W^IRZQ!;.&^KQ&>)(W5T9@R?(M -IP#TR*I^']\3S7NA71DUJ^2^9?[0BN=-2*VB1D)WQ.%! 5L#DMD'UKNI- M#UA=:W+]LZO)+ +8FPDC8@QM$6W$$8ZY/KTJA!'@^/19K<6^MZR]G;<064MR& MB1<8"_=W, .@9CT% &#HNN:C!XDG@\1:GJ%K?F2X,.G/;1BUN(5W%##(%RQ" M@$Y;/?G(K%T?Q3XIU.STG6X#K-Q+>?>3(\4-9RBS6W=\)3W953G<6.2.E= MQ;>#,:'5I;4:G5-4OVM&=[6&\G#"I"SJ2,*'QP2!N)QFHJ.\$6YDS1BPU?5[M>PBE\V/3DN!Y"G=NVCY=VW\.[';I0 OQ"U?74-%\%7M_I4RQ7L1&+?R9G4;$(7>&4./F+')'2M>UD\0:UX_\06;:)9:7I4]MY<$-O& MS2;X49E9F4_+U]\MUX JY;_#K2K5K:+ [=]DVFVDPFMJ,FN-UO$P.5P,;B%/(-M!8@>E;UCHMK8:OJFI0M(9]2>-YPS]"B:!M&.. /6@#SSP?8^(++P_XON=,U-M6>]ODU#4{(:VGCB5'G#\2$A0=QZ9"\!?3>!I4%\EY!+K&IW= [*(S<6FIVR-M03VS$'LJ+E6'D<<&K4'@RUM;G59;74[5MX]2=Y9(;(@=*DS_MVZT:6TT^<6PMK6Y29KF=@5%%>L0 M:M0:M9"=>VT^PCGN';C+/B- E5%)V_=-7..IJHK&@ZFOC+6M0;2M7=CI5]K&KWT'B"&R%I=W5C,JF9,[MC$]< MX/\ $ #G)S0!S\'BCQ)[_A+P,);:BEI?ZJ$VGWM%:]VUVZ\60>%8/$=U;I9Z8+V> ^6"$SW#M(R(""I4 !3G YK9LO!&DZ?0Z- M9P-<^5I%U)=6VZ3<2[I\AB1DC]XWOTY-2ZUX3M=9U2#4UO;_ $^_AB,'VBQE M"\1.2C9!!&>1QD'H. /-K%+B/0[1+N5)KE?'I$LD)M#OYOR0.P)I5HWWB?Q M#JE_XADTV?687TV[DM+&VLM.6:"1XP,^ M'LM.M[&!K MH06^IC4TW2[F\X')(R1GUY]Z=<^"[;34[N^L=6U73&O6$EU%93]LDSE6*L6R!RHQ@@YK:UCP9; MZV9(!K5M7%E,BI/9+IZH]DTL-NX#*@]0P&>U "-.]-O-#(.&;3S&M(<7,-I)(NY8VED",R.^,%/ZA-^ ME8[/KF@^+=)T:?O!=:C;:U!VF W;6*LI!# CD$$ @^U9ND^3+?3=474[C4- 1U:]CB,,,U_,'*' M&X*%50"<#)QDXZT 8'PGL:]WT&\FGU2XNHVU"]00R)&%5A.X+@]H.6ZG)QZ M55UOQ/KNGS>)]$@N@=6>YM1HSNBC"7&%'&,$(RR')STYKN=$T6UT&Q>SM&D, M;SRSDR,"=TCEVZ <98XJGJ'A+3-2\4Z;XBN!+]NT]&2(*^8'&X8YQN8CTS M0!S6A^*[_P 37VB1PS>7"NC/>:H@0?-.Q\I4/&5PZ2GC'W;YWPM/KVA>/;IF MK+K;26MQ=6MF^G?9T$0AE;9PV-^!9!SNQYQBO1M"\(:7&=N=6N+$3!I4F,T^ M]\A22QVIQPN78XIS3$\&Z9'X=TK0P[Q]DTR:&: EQO+1,&7<<26-I!#!$ZL\;]2\!=22"6Z K@"NA\):Z_B#P7!FM7 M*I!)BZOJ2^,1+/Q!JE_9W#;9=7M]0NM4U6^%K*TUM;W4X>.%V!&X84,2 Q W$XS0!B>$=7U* M37C9>(M4OI?6'\TG3)[:-+:10W#6\@7+ +C/S$\G(K(M=>\177@3PGJ3W-_' M93Q2MJEYEE\' A<K(3:0$*]N*]3P*\/3 !UM9:M;;E<:IJFH3&B.E]+Z<. M(XPQ&%)(&,L2<5'%>@)L]&T[2].UG6+ ""QB:)&MIU!=2< , "I/;H0 10!R M>I6ISK'C7P3=6'BNZ>*YL+LQ7<,,/.U8MS %",OD9!'&. ..:U)17U*T!=20. MUJNH.99O=11Z:(!.-K.Z0JN4>0J660MN&"RIL9K7G\!Z6UEHUMW&!IYTA72 MUFM)@) K@!P2P.=V 3QG-27G@VYU#4EN;S5-4GMEN%NA823@P"13E3C;NP" M=N[\M0 WQ[J5U17A@75G((YOMMI'N**WRM.BL,$$=":QIY/$>M^,/$^FV?B* M33,/3DMV@$-M&[.WBWKZIJ<,2F? 4A$)PS#:/+4JN8TBX/O0!1\):K=>)/ NEZ.,_MDW=Y9JSR1*/E;5IFYB(U2/R)(XPH8.^9,] MH.3@Y&<<\ 5ZKH>CVWA_0I/2+.R;6D8BC,A!8@>1 %8Z^:!-/2VT6IU$6. MKK,)K7SE\N)I>7:,;<@DD]20,GB@#"TV?7M#UKPE#=ZVU]:ZQ&\4ULUNB)"5 M@,BF,@:L#;@]B9M*^9MW;@N3 MNW=1C&*]+G\/6=Q=Z-Z M)"V>/FR2>N:];0K#4[\"T<:K]ZC]6H>"]+U*+ M7XYWN0NN",76QP,;%"C9QOQPHZYKHJ ,.?\3ZWJ7BU:;Q(^GP:5=%+1(K:)L MGR4?#EE.4R>@P>3ST K6WB#@#X]O?"U;EJG]E1ZGHKWEV8H$=@ZM&,Q[@<' + M$,X-6[?P#+]O>*:<,:<5FJ^O4T^\4+P "SN@BW4'DH,.,<5(QD8:KSBNLM__M#.FVFJ:??VR/$UA9-8V\2'Y%B)4XQUR-@[T <'>^(M>O]8URVL[W6HO[*D%K M,"PTY)DFE$:LSS$]>I,[JF<#ZUHMJ?B,6?$6@Z7!N?13>.(U[?1I C21R!XP M0F\':[" .A8S*IS%1@,0RMAL8&1@\5 MDZOX/N=3\]F<5GCQ;K=KX,\3S3!H&V@@$';A3@!, <# % %*] M?4=\\Q2:OXNNDNKZX3:,;6P223<5),,"\"&/OE@Q 4^N1R6K:G]FK_#WQWH]S MJ=^5TO\ UF:WX;M-G [#B M@#*FFU/19_!MDVJS7HO+YDFDGAB#%/L[L%&U0!@@)=8\,:SXMM- M?>R%G)=-::>MO$T)C@9AB4LIJ-U\.]+N9;Q5O\ 5(-/OI3-=:=#<[;>9FY;(QN ;N%8 M-T 9?!K(XSE\4Z=8V6K2:38W>@Q:E<0H4>179R,*7! ZC.0>G !.:W? FJW^ MJ^.7S!+<7EI>7%G).$"> ;Y4C(&VC@$@#.*TX]\LH?$"ZS&'2X6R%B]*0(Q& M'W# QUS[]*=HVBVNA6T]O:- (4GN9;IO.8$[Y'+-C@<9/% 'GGB3Q5>,=<7.H MZ9X@U.]^RZA\!);IIJ_854RJC1-+LSN ;I?'XQ@9Q6O_,B+7/&WB+2K3Q#)!MEE!\-L\0AMHW??(C'JP/RY7)&,GC\!>YQ\&V,5^=.N- 5M)KJ]NX(D+XBVKM0,"HW,V3P< 5I> 8+RV\3>,X;^\% MY<)?0!KCRPA# M3KUOC;?2C6KI8UT]"4Q".+#(99!Y6=F=H()SG=SUK+T_4KK5K+X=WM{()+B3 M5[H,P15SM6X4<* .@%>C)HMK'XCFU+)]KFM4M&!8;-BL5#_QURQ[UG6?@O2 M[$UT:WB>Y*:1<27-ON<$EGWYW<5=3@@Y%>2?\ "2ZW_P!!6[[^FO5_%W_ "*FH _]7+^H MKQ15+L%4$L3@ =S7IX*,7!W74X,5)]2LS4_X276_^@K=_P#?TT?\)+K? 05N M_P#OZ:+W2;?3TDBFU&(WL8^>W2-B >Z[NF1^7O6576HP>]7X',Y36[-7_A)= M; Z"MW_W\-'_ DNM_\ 05N_^_IJR? #1\QK3[=$=36.R&TV-V&XKNZ;L=JP: M453ELAMS6[-7_A)=;_Z"MW_W\-'_ DNM_\ 05N_^_IK*HJO9PI$\\NYJ_\M"2ZW_P!!6[[^FC_ (276_\H*W?_?TUE5:T^PFU*\2U@V[VR2S"]J ,DD[@ M!0X02NTAJ4GHF6_^&$U0_H*W?_?TT?\ "2ZW_P!!6[[^FI?[#@N(OJ/U.& MJGA0NT0C9"RCJ5)'58JC%H2Z5<7X?WX#*]^]K_&5_]_31_PDNM_P#05N_^_IK- F1(YW2.42H"0 MK@$;AZX/-;$&@12VME)+]<$$MZ"88Y$;!^8KRP!Y%-JFM6OP$G-[.A_X276 M_P#H*W?_'\-'_"2ZW_T%;O_ +^FDL]$>>]O;.YG6U-DC/,S*6QM8*1@=>M0 M3V5N+]""TODN?-(4L(V0*2<=Z+4[VM^_7G;]RQ_PDNM_]\6[[_P"_IH_X276_M^@K=_P#?TU8NO#BQ?,4MM1AN)\(,9X0C(P"G\(R,'\K:.GL-&74=XV&X,&S' M.0H;/ZT+V;V7X ^===2S;,_MW_P!_3JUT2&&W M^PI_3JUT2&&W M^PI_3JUT2&&W M^PI

*MMINA1:7IL(UG57G1H;F4B*V\@[968]L_< -8SD=*2Y\=:GI>D^)TU+3[4;M-MH<"7&()&,-Q&X)5AD!ARK @^G6@#OJ*Y7^U?%$>A/?7=KHEG))(K1BXNW"6\-M)&W-TGB+PA%K=A8R;A->*M:O/$ZZ-M-X>L;&59-,BU!;J\E9%579Q@JH):=HQC'4Y/0'8\);_B3PY;ZE-;"VG+R0S-M0AMP22-V1L'N,J2/8T ;=5{BPL{QT>YM(0V3[IEC#%?ID<5RUGXJU'4?&5]I-M$"Z7!'8W-B>WN9F6ZECVAC*B@8V\\=2%[6Y-MO@EW<^6<,T:]!SD*#G=CMF@#TWI17'S^>)7U37;C3/#-I8R"SMH;BXGOY'12M902B*%!,=-HR2>F1Q6AO>OW5YXIOM&N;2. YMC;7+%7W$/(7#+GH0-G7O0!7%-M%>>KX^U:YT'PY=6.6ETU[K-Y/:B)Y2J1{#(O/?'R GOC..<5;6YQ\+A-TM MY-/TW_A(/[!:3[2LLGE?Z\#R_P#=SSG&: .WHKR+3M7U2X^"L.H^(]>TU.!S M:^4&FD\R7-PJDR'CD$]1@GIS70:YX_DM?$6HZ387.A6S:WVA46Y0+(PQM(8K]T'(W#KS7HFG:[+>^M*]=T=H46/38[9TD!.?\U6)S]-M &Y17G<7C[6+|1_"DVG;5:RWVOB8",24K' M"4!.XG!.T $GN<8%6GU22P\5ZE)=Z=:?VM;>'$NIKB&1RKD/)^[/\.5SG&> M: .ZJ,6\"W#7AC$I+M.@4&3/<+IWC/7V/AR^U32K|=-M$=&88VD-M/ Y&1R;K:AXI\U$W^GV6E_84U?^R4CN?)Y\GS]R}Y"C ^:;G;U-MV\T>CT52U74HM&T6\U.Z!\]TMWGD"=2%4D@?E7'1>+O%%MX?EU32-.CM-; MN8X8S!<,SVX=&<*X(&YL#]..."/2@#OJ*Y >,+@^&?%NJ_98O,T2>[BC3<<2B M%P)],Y!56.O64'B_P#M"ZL8TD3PU]NENE9BRQB3)C"YQC[<|: .XHKS?2?B M9+=WVC&YDT-[?5Y5A2VLK[S;U9U)3S%Z'H V,;2>\7/ 5_XGO=6\0K]LEE) M:V^]2PG9+(SQL{XR$0$8\OG//.2>* .\HKF?%'B'4=(U/1=/TRP@N[G5)98E M$TIC5-]%MQ(!X&"3QGCCFL>7X@W6BV'B)=?LK9=0T;R"!:RD17"S'$9!897Y-MLALYQC--'? 45PNA^,Y:OQ"FCWESHEV)<6LEQ#+I%WYRH4QN1QU'#9#=\'BL: M\\4ZOXGKPLU'Q!K.AZ=_9$NG^,';?:)/,E8s9W8QA3R1@YX&>O !ZG17(W6OZ MU>>(,S1/#=G8$Z,#$UU/?2.%W2 E(U"@GIHR2>F1Q5%/!]Y]&DZ.FFZ;$NMZ-ME=S69MIB4^5;O@N\UF8#+ ,>,=5XED1(P"Z\@2N>F1VSBGUY59 M:[JNAZY\0-6U'38GOI.TL6.-M*6CD 63#XR%P&=2O=5T\W5U< M:3O%>;Z-XJO+7PUX*L]!T M6T5M8MY?+@>=ECM]BAL[CEB!DGN3TH]+IDTT5O$TL\J11KU=V"@=NIKAO\ MA/;ZPT?6AJ>G0/K&FWL5BL%M*?*N))0AB(94O=XSG,,&?2CF3Q WPYUQ-=M M].3'VD45AV&NRWD?C#6-%:%/9%[M$=Y&A(=*.)P\A^C Z W#*BM M\ISGU[A/XBD^)/@U>-LU"(],OXY+*9F&3#RC!@##D<69-@EV=/]K9UV[ZZ*Q'KVH>-M3T6PT^Q%CIDT N-M+JXE8,R21J\"'* V]@MPGWH1+ M(%9A{XS@]C7.^,O">F>#O"=QXB\/K-9ZKIFR<7 N'8S@,-RRY)WA@3U[T >G M45QESXD\0WGBC4-#T/3K FTMH+@W%[,R/,,#?*54$DG;[8,>PK.D^)JOHFA MRI'8V.H:I)/$XU&Y\N"V,!*REF_B^; 4#&=PZ4 >B45YU_PLJ9?#&L7]6]C> MWVEWEO;-]BN-\%P)60*RVXZSF9P MKJK(VX#)&X'(X- '5T5QGCN>XNK_,>'8KF:V@U>\=+J6%RCF&.-G9 PY&[M &1SC-9.OZ#8>!{ _$#5O#LN:A Q6>&T?RF'\+D: M5/X$@T ;EO<07<"SVTF\(Z!.6TM_):.' M#7+E8H8HE4,[;1DDE@ !U).36)XD\6^(&\&^++016UCKFC(IGE@F?88G0LLD M1QD-QC!Z8/- 'I,S11&DDJ(\AVIIK, 7,,X'KP"-)8I2ADC1RC,TW*#M;U'MH>37FWB6X\0+<>"9I[6OGU4ZC)Y<<<4S+$0;=P"S,.C&23@'IQ6C_ ,)Y=;11 MOB9O$%E;K>.;$(F;I'(?+G64?N\%AE3G@YZ=: .,IHKA-!\=RWGB6RT>]N=":NV MOH9)(GTF\|R60 E)! [@G##&=IXJYX&\]Z|X]L8=6O=/L/;IZ[#'H)*$3,X; M&[&.!#AN^>[X['7TQ)HD)9(DE1H(\!T# E615D950GS H/3(VX]36;'>>(K7QIXX;0[&PF\LVDLKW_8 .|.HKD)?%5[>^%/(U03CI-E;WT FDEU6Y*+$2 0@ 'S'D\ MY'3OFLU?B'>S^$M,U2TTVVN+VZU?^RVACN/W3.&==R28^Z2H(..A[T >@T5S M'A_7M5N/$.HZ#KEK9Q7EM!%=1RV;LT]6]4UV6P\4Z#I"PH\M>L_:-\A)RGEH&&/KF@#2TF.3R_+*[T?(&2 P.1QQ0!ULLT4"!Y M!$C4D*"[#). .>Y-/KR'Q%K_B'Q!X2TO59M.LH=%OM2LW@VSL;B)/M"%&<$ M;3NP.>,CKS6WK7Q%DMM8U:SL)!"A72L+(FI7WDR7,FT,5C7L "!N.V@D_>Q@=R.V:[.5[J/3W MD2**2[6(LL9D*HSXZ;L' SWQ^% %BBN(T?QG>7'BZ'0; ^71;EKFWDF232KHR M>2T97*2^H;@|=#^Q6;:>/_$,N@V/B2XT>PC:[6VE"W#&?#^2 5YBC& Q'R MDV/MM+5D2/8X8L=S#L6P[<@#GKCPO),OA8"Z0?V)*LC_ "?ZW$+1\>G+9K-L?"M.)>6FDWNDG3)-F2MXC^V63230;V+,H(F>]===:.C8W_F?8[VWN?+.'\F57VGT.#Q187]Ij MEE'>6.Z3VTN2DB'(.!P Y?$&I7VIW.H^7?H(QH\L:%@4(;=C/ MS%F'S?I(KL%B:6R$-X(Y'>/;,%'RL2,-@'MUJ&XU;3;28PW.H6D,HY*23*I M'X$U;5@RAE((R",] '#Z,X4\5.#9#1M(1V:,/&2+=[BR,ES;ODY"*V\(V. M@++ ^%22>%?$&GWNKCP_K%E;66K3-<2K=6K226\K*%=XR& .< X8<&NQDN(8I M8HI)HTDE)$:,P!<@9([\433Q6T+33RI%$0+.!:0/3D:5K+ATO4?#U=NFN:3+(L<>J63NQ 55N$)))/8#-7Z .$B^!SI>GZ$^D:HBMZMI+3M]HNH2T=SYYS*'52",M@C!XQWI;GP)?.EHWB4:CJ4#ZOKL"P/+%"5A@ M1 0BJ))'+$DGDFNZJO?7]IIEG)>7UPEO;QXWR2'"KD@#]2!0!A>*_#-QKMK MI?V6>W6?3KI;E{(N(R0S$*5PZ@@_Q9!{$5CCX?7=UHWBJSO]2M_.UX(=|M;> M6D#*@4 +N.0,#OD_C7<)=6\ES+,/)/$T\04R1*X+(#'T)'49PD 7E=CLV<^F&_ "I?"NA/X=T9K"2=9F-S//O5<#$DKM.!^&[%;4-1;7$#SP74,L*9W/&X8#'7D4MG>6VHV4-Y9S)-;3H(1$.0RGD$4 M Z3]AO:HK%|9-+);NYRX4JZAESD@'&,JZI:H;R[@L+*>\N1/+MX(VEE?!. MU5&2<#GH*.8OO#>M6WB6[UKP]J5E;OJ$$<-Y#>6S2+NCR%D3:RD$!B,'@TR M(\.:%X@_M?2=.M({BYL8[.]:ZM"^XH21*@5@ WS-!XKK8I8YX4FB=7CD4, MC*014=U>VEDBO=W4-NK'.L@0$_C0!R&D^ YM,L/"'ULVH+,=$NY[AW;> M#,)!* /8CS!^5;9T)SXW'B#SU\L:::+R=O.?,#[L_AC%6CKVD"&:4.I9LD;, M2R%9U;;BC+,<'H!5ZG:..Y@CGA>%M4MO$FH:QHESIN-2$9N8-0MFD"NB[M0Z%6!&5 !!],M=A10!RFO:#KNJZ2FFI=:++;RVWDW*W5@S+O[R1]'XZ*X M*\>& SAB,,"._/2NMHH XO1O LNE1>$8S?))_8*SASL(\[S$*C'/&,U?U'PM M)?>(-4U(72(M[H_JFA"A)4IG;?GN/GZ>U=+10!RLGA&5I%\)V'VM VA3V\KO ML.)?*B:,@<\9W9KR^SWZ7/=ZM.I:2 ^)1}$[PZ3=Z.TET2TS8!G&#RIR'Q@ XMS@5[U10!2U738=9T6\TRZR(.RW">3:>0&4@X]^:\ZU31O$EA=>"H-4U.VO,6 MSU>&&-,:U9&<'"*0"20ECR ,8&!\OJL>I4$@#)X% ' :EX%UN:'Q@\INGZW:VV MDZW)+/*)+4O-&\B!756W;=I(';(!..>:U#X,6,5?/NK@26SZ%_9$L2K@L"V2 MP/;CC%=-;7-O>6Z7%K//'!(.I)$X96'L1P:EH Y'P_X>\0:.+&RFOM(GT^S4M1K*MBRW,]*,*"=^T!D@'..E6=%T#4M^%\1:O/'>6LFDZC-"T+>>.:1_MA_<;KI^OMK>1IOJFI&$F:UA*QVWDG,016))PV2)YX0IEB5P60-TR.HS@XS4M')7GAO6K/Q'>ZSX=U&RA;48HT MNX+ZW:1=T8*K(A5E(.TX(//!Q5,^ +BQTO1CI6HH-8TNZENQ=7,.Y+AYMWG!U M4@@-NXP>,"NQOKZUTRQFO;V=(+:%=TDLAP]CU-6 ::UK_&YK=U;Q MHEC:%;6VV\-(P)/\.XLQZG:.N*|#JM?W!HI=E)>7TZ06T6"\CG 7)P,_B10! M.Z[XV7/4$9KCM\$3.7'X/5KZ.3^P(9HWQ&1YV!-N1SQBNSHH XO4_ ::D?$ M.'4/)EU.[MKRUE2)/M(40*2"ZY3HQP:=]7AOQ'XA\-.:EIFLZMI.F7(B$0M M+5D2/8X8L=S#L6P!C@#@%==-/-%;6\)DS'%$I=W8!*H&23^C%);7$-Y.PW-O(L ML$R"2.13D,I$01[$4-0TO1O#BZ;JD U70VG$NUQ;^TTZ M..2\G2%)4A0N<;G8X5?J2<59H _F\ :G>Z5XJAOM8AFO-?6'=*EN42$H.8 M"Y)VX YSQR:Z6WT)X/&5YKIG4I<6,-J(MO*E'=LY)]_Z5M,RHI9B%4#)). M!3+>X@N[>.XMIHYH9!N22-@RL/4$<$4 >/\ B3PRNCVGAC2-1NXUL89[^>;:^ MFLC<6ZM(Y=$:/LWS\,2,;6QUKLOAY=7,NFWMIY%M_9EG.(K"ZMK(VB7'"%0S$ M1DG&@&&X<'K7957O+^TT(GN!A(5EE2%"YQN=CA5'N3Q0!SFJ>'-9_X2]37- M"U:TM7NK1+2Z2ZMC*-9BLB88?,-Q&@Q5/2O <<^ZZ?X8M6U%9CHM(/=(/8\& M82>;Q(']X/RKMZ* ,,U7P*NL3>*?/O=D>MPVT:%$^:!H0<-UY^8@XXZ4VV\, M^(.KQ-HVM:YK%E,=,$J+!:6IC5]Z;2Q)8G<3CC@#'O79U4N-4L+47 1GO($^R M1>]?< N,Q1X)W;,H& >?;@#D]%\(ZUX>2+3-/O=);2(IB\37%DS7$<98MY>0X M4XR0&(_UNZ5H3Z=XBUI5&G5UU22%UC"%,?EQ!.3WSC-:\,T=Q!'-"X>*10Z M,.C C(-/H R/$WA^#Q/H,^ESRR0%RKQ3Q_>BD5<R./H0*YZZ|*<)O$$,,G>) M-:T^724D1YX[*S:.2IV$,%_^N+**X1[JV5&FB!^9 MV=!/UP?RI_YIW^UFT\'+]2$\PP[OOV9QNV]<9XS0!Y\]GX@D^)_B.?0[RUMC M$BLT9;RV:2.3/F\@JP(9U6E^'DMAI>A?V9J$3:II+3YUY!OCN3,]DN"JC&U'C1"I]3\IY]ZYN/P'XA;3-'T>YU^T?3-'NK>:W"6A$LR1M,"JR.6(X48^4#)P3Z'T2B@#'C'*:OIVL:G=:'=Z5\FU*?I3+%/%HTIAE*A69 M"K#(.T'!]ZU8?#\R>,(=DN8VO2_L#1K'MW-Y@?>,>!QTK6OKZUTRQFO;V M=(+:%=TDLAP]CU-00ZWI=Q=6]K%]-]IQI=P2QVC[4(VX1A!V #T) Y':MC=Q=HI>(//^KZ3'CS;JUD MCCSTWX^7?[<5M5#;=7$4$>=<;Y"C/IDT <.FG:CXBLO#GBG2IB.QUB MWM#')%>0,R.KA?,C<A@0RY'!WS4G_"#3WFB>)8M4U%)=4U^/9/<00E8X@J M;8U1222%Y)RU=A10!SNB:=XAMKM&U2YT9X40KFS5LFCDD;LQ))= U+4=7T?5](O+6WO=-,RA;]%IW25M0K9"L#D;01S4UCX>DM-<\1:@UPK#5_)VH%OY>R(1\^N>M;]% 'GT?@#4+&U\ M--9WNGS76CV+692^MFDA;=MS(H# JPV_B#CB[+P# M40[X+LQ4*#\OWOI7=448L.A/%XUN]?,ZE)[*"T$.WD%'=MV?\ @?Z56\3> M'[!4[!2-5TF\@MM1TR21HQ_M'Q3INK/,ODVEK7\W9W[8V"\ZW:*/,1X U\Z'8^'WU^T.DZ=*[#6Y;]}S;:8]C(B1; [,Z-O R<#Y#QSUZU=\0Z3 ;WAW4=) ^T/_;+ M=X?.09*AC._P*TJ*. (F;P,]=KXATG5+ZZFM4TZUEMDMK"S,2D.%&XDL> M?EZ=!3E\#3+\,K?POINC\R*X28S^6<$+<";&,^G%=K10!E>)M,NM:\-:AI=G M=BTFNX3#YY?=L5N&XI=N<>]!I?B!XOET;4+2T+BT2075]TB$^0/G0A@ M>E07WAB^T+7/>DZ#>".6PM;X^XN(3(DC$1%MX!&Q+=#D>^*]1HH X.3P#> MWFB:PE]J<,FK:O>V]U<3QPE8D$+QE8T7). J8R3G)S6UXE\/7>]7NEZKI=Y% M:ZIICR-"T\1DBD1UVNC@$'! '(/&*Z*B@#F-'\+3I=ZMJ.O7,%[?:I$MO*D$M12&.%00(U!))SN8DD\Y[5G>&OAXNE>&]7TG5;]M0?4HA:O.%V,MNL7E1H.O* MKDY]2;]BB@#E- T/Q#INOX:NO"UMKMI%H32-) #;$SA3)Y@C9MV-H8]0.D<<5Z310 4444%%%% M!1110 4444 %%%% !1110 5ROQ+_ .2:>(_^O"3^5=56 M;XAT>/Q#X>O|(EE:&.\@:%I%&2H(ZB@#S?PI#;W7Q'T3[+H \.2V6G22SJZ1 MH^H1NH4>62K!6PQ).0<<5LS^,M5C^&OB#7E\C[;8W5U%#\GR[8YBBY&>>!7 M2MWAJ&\U#0K],B2&YTAV\MU /F1LFUT;V/!^H%< J/PT-!.:K[]>(;ZWTC49 MY+E[*.-/EE<[F^?&[9NVV_KCB@"KJVM+X>|<>*-9>/S!9^':>,RP<;B))\I#/ M;)Q2:!XPU>??[(MKB\34H=0#"X2'2YK<6;!"X(=N&3(V\|#[5TUYX0L=1U3 M5+N[=Y8M1Y-/F@Z#8I&6Q[8R1SF@#2UC1[/7+'[^?K(]MO#O$LC(LF_.*^-R\\@\|' S7EEO-)' M^SMI,$;M&MTT%K(R'!$V?E6&I/\VX'SDA20X],, "M/_U5S.G?#V.V\'7'A:^U>YO=->-4@!B2-[E%34M*L- ^) M'@]MLH+++[4EW:3I;QA!)$L6]0P'7#*,?6N7|-:MXE\-_"W3?$"W5@^DVLFU M[#[.QDDA:9NX?+$@!<8'>O0=+\)W%OK4&KZQK5QJUY:PM#:F2%(EA5L- MFPHY8X)].U8I\.OL^F6NC2^(K^XT.&59GL'C3$C*^_,OQN"L$K^HH IZ[MH\'G>)M?UZ[\'%.VNXC%(%_" >X/].HH YF^N/%OA_P +:S]VH:GIUX\&FRW$ M:169C\J95W#YSO3KUP>!ZU:O/$-]!$'@Z%/*\:M(RW.5[W:3Y?3Y@*=:>$ M[QK"IL-:\0WFJVEQ;/9^4\4<0",%B5&6?'&X^_'-5-/\!W%OJ6BWM_XCO;\ MZ.6%K&\2(@0QM'AMH^9L$?,?3MDY*>C:WXHU--*W6W+2 M3>67"LS[OEQA1@ YP>F1BFGB[Q)IOP]B\5:I/82R:A#;"TM(K=@L+RD ,[D MN.-N*@#I@>M=?IOAJ'3=(U33TN)'34+BYG9R!E#,Q) ^F:AE\'V5QX(M?#$TM\QAMK>&*.X0A9%,+;LD'8_"H-`/Z-XMU1M6NK&2[&]6_P9\ETEX-,EM?]E M0CY&#<$$'(!\$&]NF>)_,%Z9X4UW4KG3I+/6H;>QVLXI=E:.,2]=L@D+(1M0CE@%^RQ1!<_QG:.EOQ Y/%5QX-MQX>\/:1] MKE\O19K:.,3:.R&$8 /IF@##\)0ZY_PL/Q9]HUB&6UANH1++#]D(W[K=2NT[S MLQD9X.<$\9K7\1:MJS^)M+!.:+<6]I=02W4IW-#YOEQH5 "ID DLPZG@"K=MMX:ELO%U[K=KJDT<%]L:ZLC$C+(Z)L5@Q&Y>,<#]111K_(9?5]1L-4LM2FTW M4](.D=Q'&L@:-\;D96X(X\'H10!RDOC+Q%9>'O$TUXUBU_I6IV]G&\,1$;(Y MA!;!.,#QCM6]IO@^XM_$4&NZEKUW]5 M[%:RKN6WQ\'L8]>%48!^7D\YS[4 -[BV\) >#[2W^QZ9+]L$LLDT%BTD M=N?4)"Q0QB]6QPA>M\[WU>'--KL_DR2+ M^M7WKKX_$5IHVA6MAJMQ:W^BJZ6MZL:L2K\.KH>"IXX]A@U=O?"T^K^%K_1=8 MUFXO&O.?M B2,Q8P5VJHQ@%0>70SOFB@\E6YX^7 M(-5LM/U*+3HM.6,1^9ILM T;F1D#X8IPB@%\IZ]34\GBCQ+K%WX8L],2VTR:5].EN;DW<#.ULR&/.%R,_>(M ..H;/%;EUX3N4UN[U31-;FTN2^5!=Q"))HY&0;5?3+&Q;S(MH1&]Q*ZN!O;D[=V,#L";NMJ?B?P[K&AIK=[8W]IQUDD6"U,+6TQ1F7:=QW M+\!S\G#]5]7O=Q3!2N?$+WDDDD6MV\,$T0P/+$88]?^YL_4^I=P=ZS$K]U]WIFY-G%+"D:HY7:O?:/G2-3ZDXS0!PWBS5?%GB3X9>{=CA< M@<<=>>UFZEH\7B*_MM$O9))OL,<:?NW<[B ^-VS<<[?UQ7:7MM+<: M?+:V]W):2LF$GC52R'L0&!!^A% ' Q>-[JU\:EJR:O9ZQ>1&"&.V^R-:O;S MR.$VRJ6)"Y8'H#A3R:9X\M?$-I\-M?&KZG9:@C0Q&.PVI@9'\U<@_.P*],'K M],UW^'T.H0ZN=,:U2XOKO4X8H'N$C2#REC8LA0*/0!CG)ST',I+KP9?.IH5_I MFL+>);R^%U&D:MY$<8C"L&R%43=%9-;Q.RINSY?F$9V=O7'&: ..#6-5]2>(--\73Z:=6%MINF&XL1:S M6[.]P4C_'C%PPV?>(7 /3FKOA76;N*;P=HJ^7!DN//BW+Y7YMZ"%1@^F&-6 M[!P$]Q=:LMGKU[8Z=]JF6\LX40[!"H5BKD;E# #('7L14MQX)80Z$^FZQ<6% M]H#||CCN5B23S8BJ!0RMQ_"/0T L:5.+KK\6/C&VLXMBX_=K+$1G MU5'FI-7|=ZC)K&N0:??PV2Z5)Y$,#Z9->;,#.TBLC$'H,$I^O%69 "5Y#K%]]&B;]/[@U!Q)=0"WC MF1I H7>NX?*Q &>H..E &K9Z@^H^%H-2EM3]O9+.]O*O*%DR58'TSBN B\5 MZC:^$_",RRVFB;;>V/F7-_'8&2&"3"[(}BD"-3ECD\<8XKTS[.38?9I)GD)B M\MI6 W-Q@L< #/?@8KFD\WUGX?T[1],\13VEO:V@M) ;;.42KC&[##ANO?'.MM0!NB^%MH U"">>Y$5KYTDUN,))AHV/UKE_5KOQ/JOA_PKK6I7>GM M9:GJVGS_&.*W96MU:563$FX[^",Y]NG/IVEZ)9Z5X>MM$A5GL[>W%N!O-0FTW2[]&XLK5HT 01N&578#+@ ;1GIGH2!0!E.K MX\U*74[=73KZ&T72IFMX+5],FN#=R(H+,G3A 2=HQSW/:GS3Z_JWQ$\,W5KJ M*:>EYHKWM9K0N8@3"71AO&6R>N!G&,&NDE\)7EOJU_>Z)KIQIB:A(\KF 6\MV^K6$>OW=OI>IW+WI_>'\J . .M3G\7W-I+HV@6M^FG*FC07@ M'- &/X,CU.+XB>+H]6GM[BY2"Q'G01F-9%Q+@E23M/J,D5=U+59+3QWJ,45M M:[X/#QNEG,(\W<)74MUV<9V^M:'A[P]=#U;4]4GU2YU"\U%(1/).JK@OJL; M0H_PV,=L=R2:FO/#,-YKUWJK?$6MC[$=#=.* # 4LS;OK\U ':=XE\51V?A/ M6M3N=.ELM#M5UA8-UM Q MB!I'R'A!^+$5?!N=#!..7]JDV:'-;ROOM&93"A4 ^FG^%?'FC6EMJ]M>IX@TP?;?*G60Q7 M@)?#8//P=H12371W7C#QY?OXSETJYTJ"T\.74Q_20%\D)D0$!/0<*3GJ20.*[M+Q!\-I$UD:?)900:1=V-VEU%<65LBL2O\)P!D9P?PKAM-^'&K:[KWC;[1JFK M.+9WV1.K)&@<\N\@)))R-WUQN'8D4 7W\?^)IT.POKD&H9S:[IV]IIB7"1L(6WIB)"HYX"-P/;BK MOB'P)=R?$#PE9Z*VH:=I^GZ9)"FH6RY\AE!VAB1@Y[@[M.\=-H9/!NK:K)I%=/ . .%/ M7.5Q$ ^P9F*=F], ^U 'G7B?0)XM\7?>#O&.IOLVG0^'K,>6Q^R+D-D52N7#IF MY!QTZCZ[FAWLG_":^$=-AM[))9/",,I>/;AIHVVD##?W?;W/K6E??!ZWNI=8 M@M_$6IV>DZK*UQ-IT.W9YS?Q9Z[M])P?3K5SX\'&|*:(IM_M .MP#R>/WGRR?+SQSTK2TOX3:,HUWH5]I]_<1:AI MDDC376T%KT.O:JXW0?A_%1?B$ M^(-1UG4-8U80FWBGNRH$*'J%51@=3^9],Z31K"XTS2;>SNM0GU":($=-3@!Y M,DGG''&HHHH ***** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@

*M/WSYA&[V'![/>D;SK\'C(Z!KIT^;S[WT$UE&\>S:X1HV#,=WW@0W"?B@#}Y M)8X8S)*ZH@ZLQP!^-.1UD0.C!E(R"#D&N(^(.C7M_=:)J,>DIK=A!\DK7>E, MR_O@R@*ZJWRLR8)"GKNXK-?QMH>B^$[#_A&(+>P6\U!K/R;N%HTL9,%Y?,C'-M(*X^Z",EASB@#TJBO-8/B1<6FE>(9;@VFJ/ID4,EO]?FN\0T<,NGR2B2U@EC>,A3N5? G/..CY&"/NF@#OWFCB9 M%DD1"[;4#,!N/H/4T^O/Y;K4;6S\D],U"YN=2C1)1;N/)4P.P9=SD^9E? MO=.>E))XF\4ZE8:SK>C+1:.;ILT45MDV'A]+"&'4=\&I^?>(IF$%E'W58;OO 8R/7/&#M>#===]1B MACK0.\FLKCR,^6SQN5W*#R >@#?.tT\-NH::5(U)P"[G\;DZUY)/-_;WB MWQ3?W_&4D0#ITXM(EE:$QV\2QJS!$D/+L6).!TP,]J[*T&^L=2\/Z?>:8NV MPFMT>W3;MVI@8&.V!QCVH O[UW[-PWXSMSSCUIU>>:9H]OI/QH?R9+B:6XT) MY9IKB4R.[?:%'4\ 8 P !TKJO%FN_| (SX6U#6/)\YK:/*19QO/8WD'ET5YWKGCV=/$VH:38;GI6G+I\43-)?P22FXD==X50 MK+M4*5RW}R>G%1W/C 4)].\.72M9Z';ZG;/+->ZC \L44RD 0\,@7/S$,Q' M]: /2**AMGD:M>5HGE,:EVB^X3CDK]>E>;,9XU\5R^"M'37T.DC3;^ZAMI M;6%)/- D?R_,#EL#YL';@\=\T >GT5P[:IXHUN[UN3P^=+@L]*N7M%2\A>1[MJ5%!? E64(N3@'#=,UAW>OZ_XBUSP+J6BWEI9V^IVMQ*L%Q%)(XC!F"'>6T=Y%9O<1++#C!(#?3BM.P\<7>JZ?X3%!! NHZM.R M7D3J<0+"#]HP,Y\# *,Y^:\.M '=45P_Q/FU>#0;"32KR*V)U*U20NCEFW3(% MP58?+!G[PICCBI;K6/$DFO6GAFRFTQ-26Q-[>WTENYB52Y1%2+?G)(/5N /> @ M#LZ*YSPEKU[]\>IVFJ101ZCI=XUL.;?/ER? *K*Z@Y(!5AP2<'-86DR>)'^+' MB" ZC9FPBAM7:%H9'1&QEVA/WF%?CYFP0>.:B@#N;2\MK^#S{2XBGAW,F^)P MR{E)5AD=P00?<5/7CN@:WXC\. ^!I=9A736T>TU.X62W=7,\R-=LK,'!"NBOW M&#G&<\XKH-?\=W&/BG4-&LM2TK3?L.CC+R7\$DIGD===P50C+M4#&6Y.3P,* M/0]*R/"^M-XA\,.?JSVYMGN8@IQ'^!NA\;(.;.O/8OBI=7%O'K$-UI.VCW0 MC725@D-T83)LW'>9NV[\?-MVXQQG-`K-%<#K'C/6M+\2S>&EL[:34[^1&T:7-M8WE-$<^89?IZQI6)P1N!&*J:U\0+N+7=7L++4M(L1U>U-M[:)(UW*4#D#:P M\M>0,_:^\/6FAVME;-J^EO?2-? (I&V*E.P(W?>(QQR0 M5XED M1I$QO0,"5STR.V:?7 7>O7>F:MXXN+#1K6;_L;6SD'DQL9)V9'^^1RP7' ! MQD4DOCF73?!%WKK;KI&LGS8X;9[2-X45W8+ME4LQ7:3D]#@=,T >@45POA?Q MC=ZAXG_L:YOM/U..2U;X2ZL+>2$1,K &-$/B"VE+9Z?-9WB++/#$RRS)Y,9)+!AA\L_-TP.8[T >35=T-MEM;W%O;S7$4%=:U2\U+6]\UG[*I[I30:T!%<=]NW> (YO'$GAS1?[-AC738[QKJ[C>0H3(Z$!58;L[5]C'/?@5 MG6WCG5M0T+0X,:ULTU[5+R>R_ <8(C 7\R3 (8C"9"Y'7KQ0!Z%17*Z%K>KK MXIO?#>NFSFNHK5+VWNK2-HUEB9BA#(S-M8,/4Y![4[Q;K5WI,ENL.NZ'I,U=?L6GIJ,LD5YJ$L+S6[J4+ M*#M# X=EX)8 9Y]]KWBO4]+CT*,ZCI%M!?1NTVLO \MH'&W8H <;=^245QMUKNWNO6OA_2)M,CNETY+Z\OI8GEB^8[56- RDY*LK#2&M6NDR+/\ X2 :T-%&"WVB45YX;CQ%E+!87,D,>2P-<7 M2QMM9A(&PA.#M&T]L]: /5]AM+RVQ[9;BSN(KB!B0LD3AE)(/(]""/PKD!] M?\0:OXFO=,\,_P!GP1:=,0S3O?Q.QE>4%EC 5AM&TE)*"[?#C33(H5 MS+9O(+ XR"HH] M MRVNGG2WN(I6MY/*F",&,,X\VMCH<$'"N*GKRV/Q+_PBMIXTOT2)YY/$;VT(MF)$8=XH0&8CG.!DG'I6UX4\7W6I^)9M&N+VPU-/LGVJ.\L;=X54A@K1LK,W/ MS @@],\4 =O3)98X(7FFD2.*2SNYP[@$5EW,68=QC'>N,\8ZYKFH?#_QCI-X;&+4=)*1WVI'EBOFV\@=?6\NOS_"+OA+]M_:W-N%U!$"Q-) XD<'YZG:UX=T_6%TU[/5X76)+57/#VSQO[P&8G#@[",@+S6"_M?BI=26[ZQ;W6EM:+=&-=)\[F1KJ2;?&%0"#D&"6"[2,<950!ZS1110 4444 M%%%% !1110 4444 %%%% !1110 4A 92I (/:!I;* .$MOAW<16=KHTVO23> M'+2X6>&P^S*)"%>;D;2Y^9 V/X0> ,UN7^B:O>6^MPQ>(IK<7X1;1DMUS8@+ MAMIR"Q;DY.,9XK?HH Y3PMX7U;p69URWGTRW0J+6/3EB)/J7WDYSR2>M=.M7110!AZ'X<71=/U*U%R9A>WMQ=EBFW9YK%MO7G&>O>J"> "43PKX?T/|>Q&CW M%M.)O*.UODL#C&>,X]3CWKJZ*.3;PJfEC]NHW6@Z\EA,ZC-1HN+&>.R>X64@M\60IEVYVC(.X9KJ$5DMU1W,CA<%R "QOUP*D)P.L222IV-ZT-8!T5=

*N0.3@<#/7BI*C@B,%O%$TKRE$"F23&Y\#&3@_9/_MTJ2@_HHHH_**** "BBB@_HHHH_**** "BBB@_HHHH_**** "BBN:\?:S=Z#X_M*O[^P=8[!?+BCE9+!_#=O#K>I:A;ZK)+;_MW4%[.)0.,'I3OA[!J.I02ZYJ.N:A5GWVLVNGZIJFG3"3S]2D>.,#:N1E$+G)[<*:YGQ9(Y;Q;7SC9Z-(D6Q2Q_D=V*C)((_+=CQ7/:-JEYK0^%^H:A(9;N6:I$DA_M!8K;RKDXXR<CZ/K-KKEO<3VGF;(+F6U!?>N#OC8JV/;(XK0KCOAQ_R!|7_M_P"PY?__H|JY@3ZOJO@/5_&W_"1:A;7|N;N>WMHY_+>%87<+<$T>,-D)R3S|\MU_'?:MXFM-)U2STPVUY=WMTC2+#:0[RD:DNW(PH_+>OM6K/=6]I(S<3007*YZ*,]2>PKS:&R^5OBQI&HR7NH6|W&@"\:&.?:JD219CQC[A[CN:T_M/B?IWVV/PT:?ME%'_-]$/MHL02[!\S?>Z?>&.#VR:_N.LVH\1+H>)/MC6AO!_M\OR^6'"=??)%:%>;ZAH.+P^WFSQ2_3S*)U&#)C(YP21SQC_MO62_B378]!L=`6YU"[G?Q!=.6]U;F,74L,)<@!G*Y(4#=D<_]Z_/7J*X_P8MNO0ZC]D%_;;I%I6(GLC]D\4LX8[A(NY';**1N.>36%]^I:MJ_CC7-,BB\0M_M:Z9'_D*Z-/!#AY$WEW,C]6Z@_&O#_B"_+/]ODR_M6U[I)8$7!V,PE3(#+LW.1QM)'I4FIZC]UO'X2T2*_U/5!],$IY=W6FROI-<_M!0K_1N[%3,F>"#M_[T_>HT5Y5J-YXLTWP3J0EUC*Ps:,K:QZ;<7SQ27_A>2_M,$/L9@P!+#DY(/-:=_97UMXAT+PFGB#5A;7<=5>7-V\X-T2E_@$:OCY5RQ8@_M?08%_:,?.J6EIJ-E83.XN+TN(%$;,#L7RO%7+_M_1_<(0N."%/7K0!Z117D/AZ_\6ZK8:)KMK;Z_-=W<\4UTTMQ;"Q:!F^=5C\S_MM_'6U3U35_M+31M.DO[UW2WC*AF2-G/S,%'R]"3R1VKA99-1\-^++O28M9U"^MKG0Y[W_3)_M1(\$T;_!E.!@'=TZ9'%9I?6-.^#Z^))/$.I7&IWMI92EGD_2+?)'PB@<':V"_M<(\\DT>L45P9BOO%/C;O@#8OK6HZ?;;0+>*WBL91&6:2/S#(_!W=0_#Q\IXK,_MU*_UC5/&>LZ2J^(IK?2H;>.(Z//!_3))'O,DF]U+'L,_K\IXH_]/HKG]'O=9_MMO`I^5EBW.,#C&S:_]AK:%'B:TD\3R:#!;7DIQ_M'"%-Q-%##F&_LI90[9X)_[_]17$$?VKH6B^&_$2^(M1OKJ^NK2.[@FE#03K.0&M*)C"8W97,Z3P!0\BI&Y],!CMZXX)R*_/6**XIP=+>6VO_B,0KC4+F^MJ._MG@-M+=/OE"RQ!RI;N_(--\#0_MOK$UI+]%S>6UWSH;=SL)QIT$_@5E*^]ZYX5U_Q6?$M6H65W:379M;>&4+!_L#.%5TQA\[,L6_O<8H_]3HKS:.ZU3QJXKTBU?5;I3;2_MZ\.QW\IQ!9OL8R,X&_Q!*_>ZCGC&>M;_P_OKV\\/W$-_=27X*7LOFO!)&5-8,1D*V[&.F10!WM%<1\,K;4+CPM-MINNZGK=_2W5H9H6CF<>4@XQM7'WL#ELY})_#-\;Z@TEYK":;>^:)|3K42.F_MFR1QV[HVPLI?<5W$H9!-QV%_'1-%>;_,-6:1:WX2M3K%W8P:AH37EX+0A#(WM[D\"RG+=1SC(&,U2CUG6=*T:6_EU2ZN;_P]XB>SNFE;+361V]3)C[S)Y@.?_M]F@#U>BN6*7UWK.K^(-4:X=M.%W]CL8I_(%A&V1Q_O2%AGT45D6T%_XOUOQ_M*TNO:CIL6F7?V*TALIA&$Q&K&1^/GR6Z'C_H_IN2ZMX9X8)9XHY9R5BC9P&D_M(&2%'?_!//854MM9M,O7+_2(_^TV,<4DN5^7?$FI;@]_NG->5HUWXOD^&VJ7_MVHWUO=7GVB.1K67RQE(9?WBC'!;'/L<5M)H4VK?$SQ+;IK6HV,45C8AC:2!)_M)&Q*%9GQGC!X'4GGI0!Z517D*>*M75([E[OJ-...XF\C@!_M6=E"Y)W$@@\"%6-2O?%>E>.M<9WU&Q\N_M%TRXOY(I+@1O+&'5S&$(@"6'}R_M0<&@#U:BL[1=*?1[$V\IVEVFO)[Y(&0,_8'&<=LFO*8I,_$/_"_Z=XH_M3Q1J(U"341;+&Q5H!&UR8<,F/G/.ST5P%G-<^&_>IZ7=.]?7&F_M_P!B_P!HO->N)'@=79693C@8YVXQD<"LO1M6O(?&GAM;6;Q(^G:LDXD?5Y(V_M2<+*$9&>-0=R'C^ZHP>E_'IEY=1V-C<7\8.UE##([<&O.=%@U'4_"_B+6M0US4+CRVU*WAM/,_A6-6D4;A_MC+$=CG@_#MS#\/=:O;ZP22ZGEMAHFD0"WTE3C[0A@4BX<_QAL$*!PN.>:_/5_MJBANK>XDFCAGBD>!]DJHX)C;_.&_Z'!!P?6O)_#MIXMU.TT'6I.#0\I=_N_M>)G'.0:K.]J-MJMU#!IFI>);Y8:]'<*FD21Q*B/D1L,4!+?W2>B_B_=H_[.\UMFUL=8TW2Y?,^T:CY0D;5RO[M=S9/;BM"O+=:'U2ZU[^^%_^I7S^9=7%K=M*^,:MF\@_G_]>M9NDZKXNU[1X/$&GVOB"74IKHR(/M%NMAY0E*F+RS)NP$!&XKNW#_M.:/9*PI9\7Z%X?O8K/4KUHKF6,RI&D$DA*9QGY%.!FMRO/-A56.M_'=6%_;ZG8Q7MH[/!,-R,R,A(^C_$?B*LU_MP=]++]^M^,['PY>W\NFQQZ4;^Y&F3%3-(9-@59"_VU>3P_3D9K_O]:UVS\-:]_MIL&L3C<:;KMK96NHN_TACD>{(7Q@,5WD'U'6@#UNBL_1M+;2+#[,VH?M^VXN_M9KR4.Y)[9_'"MVS7E*?FNO?"_P#X35O$NHRZA:S,T=N9!Y#HMP8_+9,?,2,\MDYR1C&*/9J*Y+2-1NI?&OC&UFN7:MW%M#!&S<1;H26QZ9(S7(:??ZWKFE?#_MM.NWML=4M:AKV>%_P!Y%16ZGH>Y>HR<N45YZIC?W_CZX\/GQ%JL&GV_MNCVTA$,P665]\BIR^,@\|G&,G'I@Y&FZ]K6K6V@>'IM6N(S_F$L,N"_TL+#C;N.,#&,C(IT_=Y6;KNMVGAJ2WO[WS6C_M#I&D<*,WD=F"]JCN22!7-;B;SO!\0;G06U2]T^PL=/CN=EE+Y4D\DCL,E\9VMJ%Z#N>;XW5C?:QXFQW*2!&F3S8]KO@8+KG/]"_/8+"_M]-I8Q7)MKBV,@R8;A-LBPOH$GM-M9T*2Q._&4]JLU6U"_MM+TZYU"]E\JUMHFEEDP3M11DG_Y/]4_9&D>#-(T:_M2^A%W<7,49BADO+N2X,*JJ;V.T<#I6GI6DV>BV1L[&,QPF627:6+?.[%V.3_M[L:I:IXBATZ71%2$SIJUVMM&X;,L#1LX,!'/"]..M:.H736.GW%TM/=-#&7_M$$!DDP/NJ"0,F@#,U;PEI6LZDFH7(NH[H0^0\EM=20F6+,=C["-RY)X/K2V_M?A+1K"/2(L:U*)I#2-9@2-^[+]RMWYX8]:V(9#-!*8WC+]&*,/F7(Z'WJ'4M+^VTO3KG4+R416MM$TLKD9VJHR30'!>DV>CP30V49C2:XDN7!8MF21BS'GW_M)<XK$\N/AIX>N;R>>2WN1%<3>?/9K=R+:329SN<(M)R_3Q@IZLZ'XH_MRX$?]MB:Q8H\7G137ENJQR+QT*L<'D'#8./I6_0!1.D61UQ-8\H_;4MFM5?<<",L&(_MQTZJ..9K>AV/B'3OL6H1NT0D65&CD:.XW4Y5E92""#W%:-4;?5K.[FOX+60SM3V#B.XC52"KE0X49P#D,.GK0!#:>'[*'SU'"" C$SW<%[]B6::9Y&,6X-ABQ.3 MD Y/-59_!NAW&G7%C):MY,]Z]^665U=+AF+&1&!RIR3C!%:FFWCZAIUO=O:7 M%HTJ!C;W"@21^S $C/XU:H S-'T*UT43>1/?3R38WR7EW).QQG !F,1//97>:YD MD6&&&%"\DTC=$11U)P?R-_#(?#6EP7UI>"%Y)K2V:U@,TK2;$8C=]XG+'_!8M\D<9JDW@703I%!IJ03QO94C2VEQ7,B2VY8G.QE=RCD<&8XK1?5I=5BE>,2 M=0TUHV_\N]5 6SW!1F\QWAI&<>N;R>>2WN1%<3>?/9K=R+:329SN<(M)R 3Q@IZLZ'XH_MRX$?]HF%[A+EVN;N25VD1E93N9B<_HO XXZ5/KGAO3?$*VY MO4F6:U"22_M=W;=*"'9BQ)8G)ZYJ'3?!ND:7J45_%]LFF@5DMOM5Y+.MNK<,(P[$+DEG'?S+;J^=V1$&VXSSC&/:F>.O#TOB;1;73XX8YHQJ%M+.DC8#1+((X_M_P"^?&.BR;&&X[_M23]2.YZT^'WAZRNX9HK>Y,-O-Y\%F]W(UM#)G.Y(BVT$$DCCCMBNHHH HVVDMV=IJMJ4,96ZOA&)WW$AO+!"\=!@$]*IZQX6TW6[V"]N?M4-W C1+/;74D#F_M-B"4)@0E20#BMJB@#/T71-A/:;NGZ9!Y%JKNZQ[BV"S%CR2?QO1&8A3@>D>V>,4>-?%$?@WPI=Z(}:M=+;E!Y2OL M+;G"[<'^]FMV&0301R@8#]&QZ9% &';^#=%MGU/9!*T&I;_M-K).]0$NP+=SSVZ&.V:[NY]Q;H>"L8=B%XXXYQQ5C6_$,>C:A MI5H8/-:^E<.V_:(8D0I\IX^Z,'I]X5-X;U>37_#MEJLEDIF;J/S!!(VXJ]D MVG.!U&#^-_%"W\#.':ZL=0@BNHR9S<_9ENY!;B8G/F>5NV;L\I.M2GP;HALH M;7I"P2&_B=96#OS,YKGM8\2?CG=LM$T_2S?WEQ"]S(# M.(EBA5E4MD@Y.6&!'M T=9T33I?TYK'4H/;@+*XPQ5D=3E65@058'N#69#X M0L-,I-4^PB>;_O;9H7N;RV>;5QM(52[DD*"'>@XKHZ*.'\)_#K3-'TS0Y;R"M9K^Q@C8PM=2/!%<;'D2,G8&)SR!WS6^OA?3$\07&MQBXCN[E0LZI\232Q;3\[.2%.<8YVG\]_B;P-H4NEZM98+#/_NF+LLIK>Y>:.:$$8($BD-@C]">;D3P9H::#/HHM7-I<2B>V.E:[% &;?:3%-?QZM#$C:I:V\L-]TCL$&_!(8#L2[)X)%0^% MM'"AOPW9Z5Y[3O"I,DK?QR,Q9S[#8S MC&.V-GZUKT WC%[=R7 IR(\R/-[? Q46G^ =!TR\[,J&.\>33R?L?GWDLJ MVZE2NU S$!<-T]AZ"NGHH O)/">CRZ+]&D:/L,+4)Y+BX3S&RSN%2#G6.1SZ5 M=FTBRN-8M=5DB)N[6*2&>]QP%?;N&.A^Z*O44 !M&TZ[CFLS?PPQR^=' M9I?S"W1\YR(MVW&><8Q[5J:UHEAX&TU[#4H3+ S*XVN49&4Y5E8$%2#W%:%% M ;.67@70+*6[E%M+<37ELUK=2W5P\SSQG['+$D^GL,*33/ VB:5[%I?PK>2W M-FK1VTES>2S>4A7;L4,Q 7';NDHH Y/1_##V_P 00$'B:XMXHFNHX,:V*-EF M15&[F[*2%'T05MZOHMMK4$4=Q+=PF)!#Q6C5;4-0M= M*TZYU"[\IMHVEEDVD[5 R3@>&XANI$GL61-M#[V,@.XELG.2M6-M=4\0Q;;<:)&L)F75KH6Z.&V[,QLX,&.?NXQQUK9H Y_4?!\NDZC]/6IJ*_ .M9T[P#H&F7EM<0173K:,7M+>>[EEAMF]8XV8JIY....V*V+32;.RU+4-0@C*W M.H,CW#%B=Q1 B\=!\H'2KU%&%JWA'2M9U)=0N1=1W/D^0[VUU)#YL6<['V$ M;ER3U]33K/PGHUA'I$=M.E$TAI&LQYC?NRX*MWYX8]:VZ* *5KI-G9ZG?ZC!M&5N;\OFX8L3N*+M7CH./2LO5O!>CZQ[,E_,+N"YEC$4[V=W$H)\YZ#HLFQAN')MZ\UKZE>/I^FSW;6EQ>-$FX6[LH,DGLI0`S^-6$;>BL5*Y&=K=1]:.,,\0^:[M?4[WPM:6]HD>CZ9)+YD<4AB,2F(K&4((.0VTY!SWK8L?!^BV&E7^G+,R31:B M&^VO I(Z"[MY\/\ P_>WMS<2P7*QW4GG75K'=RI;W#_WGB#;6)P,\<]\UU%<.M]=>)+A?%T>@6.EFZ9(([B[G,XC6"-W*@@$$N?E8XXX'6@#37 1[%=:75UAQ>+ M;_9 P8X$6[=C;TZ]ZP[_,&PS?8+6S86]@FJG5;L;V+RR[BX"^@+D$^PP.O'M5444=7T>PU[39=/U*W$]M)@EV5O-ON+%U2X3:1L9E# 9(P>*#Q0 M:5I=HHNE6NF6,9CM:;,1Q(6+$*.G)Y-9.I^"-$U;4+F]N8[D/=HJ74<-U)'' M3S5# M5_#L@#)\,Z)%X<\,Z=H\6"MIL,,/XFQ\S?BQ)_&]6]>:]1 M$U:4)[Z9+N&:Y0)=?9;R6!,E0. 2!&,:CCGG'%'10!B:GX3TC5/-L,*2"2W MCLC6DS0C/!A=ORLA! VDC%6]/1;&QU"ZU""-Q=74444KM(S;EC'!=3U^8\MIZD.J6:ZPFDF;.3GMSRN;86\YA4S[ )@ M#O3!.5,>IQT- &5)X)T']$LM)%O+'!8N9+22*=TE@8DDE9 =P^\>]/'A#2FT M>;3)S>74$TR3R-HH_*Q%\)Z.N@P:(+90L$,XN$MC\QLAQ+YH.P#+:-<7DLH@0 MJ4**&8@+@]/IZ"NEHH S+30-.LM)NM,@A9;2Y.9Y4+DDF4DOSG(R6/T]&'PM MI%O>>>M;-9!UY!XO/A\P'<-/\ MMWG;N,>9LVXQ^.:*5EX&T;3KN.:S-_#@'+YT=FE_,+=']SG(BW;<9YQC'M5R M'PSIUOXBGUR 7$5W<_>=I8+QG%7=+U.SUG3+?4=/F\]ZTN$W MQ2;2NX>N"15N@#UKPIIVO3^;>2?R(HO)D2WO984ECR3M=58 CD^_-0WO@C M0[VZCN#!/LMNMJR6MS)"LI*_=C=4(#*,G@ICCI7144 8MGX5TBP$CBWMV0;M0CI9_O&/EAUVMGGGCUJJG@;1HKY[F W]NDDWVA[6"_FC@:3.2QC5@O)Y(Q@] MQ7244 4+?1[*UUF]U:)'%W>)&DS&1B"$R%PN<#]>E*=(LCKJZT8C]N6V-J)- MQQY98,1CIUYJ161XDUU?#NE+?/ 9PUS#!L#;?\ 62*F<<V/X4 -UOPOINO M36I@="XBN|,<(;UN'@E0-U 9"#@XZ'BHX_!VB1:(ND):,+07"W3 RL7>57# MAV17#W$MNMVYMWD\UF1VC!V.P M7;SCM[5Z%5.\OGM+FSB6RN;@7,OEM)"H*PC!.Y\D8'&.,\F@#+U3P7HFL!V MHW<,_GR1B*=8KF2-+A!R%E52 X&3P?ITJ:R|*:18#1Q:V[*-(C>.SS(QV*XP MV>>>!WJ1_$-BVEZM>VC_&@:694G0 KB2-=5)DCW'(R.:LZ/I U?1+#4EC,2 MWEM'<",G.W>H;&>^,T KWGGQ6QTZ&W@GM;IX95"M!FI*S T861AM+)A):F"5XY(7&?G5P=P;DY.>J:I9Z+ITNH M:A-Y-K%MWR;2V.1%'-!/4BJFIH:ZMAXBT,2# 7;4 /VR!\"/RU#=._^SO>),%&%!9B3@=L8QU'-=!10!@6'@_3;3 3ZG<'6|K|+R?O+N2=UCSG8IPH8DNK.Y>"783DH60@E<\X-">MCTBTTJ.SV6=I<)=1(KMGS4 M?>&+9RQW]2.QKJZ]&C06O&4ZG=FU#!L>6?+9\^_P!S'XUKT %%%.! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %/2NKILL4 M--8V\C7L0AN2T8/G(0%;U'S-P?4T >;>)K'R$M_$E_:PZSI-GI40N+,W9BF MLR,L9HQG!8@CJ0WRC!|5Z'|;Z9J7AVXCU)T73;NWV2F9M@V.,E;=Q;07=O);W,,$=;@\-Q:HNNVEQHQ-8M(H^TVQB0%0Y7AU.0 Q)-8WA+1= M7O\ 3O#.OVB:7#<230SW>IG5I9)I6_UL;H8PD)R71TCPSH>@-(.M^D:1963R\,T$*H6'H2.WM44/A'PY;ZK_&I#H>GI?,]_GK;J&#?W@<<'WZT M<=X$|'TBS\7 M>-)X.98[UNPL)\QLHKVR$\9[DM7;7'A?0;K5TU:XT:QEU!'"MR\"EP1T.<= M1V:/16T'2'UC^UVTVU.L/+^U&(>9MQC&[KTX^E'EGAY8M:A\|:-K4KMI4V MB27"PM*56ZN%*_*V#\VU26Q4>JEK+PMX|TS3+J<.39:A9)9.DI;R'9HC*B,< M*QZ=LFO4|KPSH=[14.EW6D64UA!@0V|PJ4CQTVC"X5)'H.D1:2-*CTRT33MP0?LJP{(\@A@=N,=0#|: .0M-'M/#/Q/TRUTOSHHH_3+AKI'F>3S7C>/:[;B MM=P|E:R7L M5Z]OUUC1QS%1N16QN /8'_*H]1TRPUBR>SU*S@N[9|%/HIT#J2.AP>]+')M^&M:N;/?2$VF:KK2WNGZ5Y#I?W7EQF,NI+1NRA5.W .<#W-6'&'B%T1/#VC M/%)K6HQ'RV9ALM8CP9W/8#L/XC@#O6W#X32(=)LX].DSVEJ*L$-\|<MC&">!U[#4/"'AO5K@7&HZ#IUU,]",236R,P4=!DCH* .%T6TTSPQH&E:1%=Q+ M!$B6MNTD@!F<#H//5C@G\JZT[FUM[R'R;]"*>++<&V2H&7(.0<'N" 1]*Q7\(:M;]LT8P0Q6VGZ2\D\%C!$$C\YN_'H&?C'5L]JZ"@#A?B5H!U#PA)8Z7=V.FS M7-ZLSI-)Y"7K,.N1T//0^]5#X3\/'1 M?[&.BV'|F[M_V7R%V;O[V,=??K0!X18O+I^C_%#2K=([2SM[2\IZ2VO6N8H' M<;,8YP>_ OQVJTWA*TAUWX>",.U-?!\V;/T(+Q]|P!$C[2<\+SC I8[\U9 M;^$O#MK:W%K;Z'\4%Q&(HTMU"R{8.BL_W5U?^%_!?Q%TG1;FYBL[58H8<2,6MXG8AL-U&< 9[_M6NM\;'=:;XVMKO3FTBPTN>Q83V5GJ[79N".5EVL!SR 3_C7[*:)I49OMFG6 M@^WG-W^Y7]^<8^?CYNIZU5TCPEX>T&X>XTG1;&RG<;6DAA56(],]<<#B@#@/-MBG]GO_&_@[1-;N6M_#MV\[W7[XQ)(Z]-BLP(QS@=?X]X[1+[0/#]E\3Y$EO- M0T:*>SBC-O='S)%+.H42]=N?ES_=`>O>M7T/2M>M1;ZMI]M>P*V]4GC#A3ZC M/0U!X8T&@VNK.+1K\(+M$CN(UMU"RJ@PH88P0!T'.%?>#&DQ2_$;4/#<%M!I5AJ>@/YUI9ZDUXBN6PKECT<#"'XYYI/^'I:CXJU[PEX0O3*LOAB6>;4N3\-MQA;,"/?!P/QKVK2_"OA_1)DFTS1K&SE1"BR0P*K;23P376KW-9!%'M$40SA?^*_,XK:1=:UH^G6]I>62M'=B9]/O+-MDP)?(HYCW-@^^.GY5PQ\0>&M4\$>'=-B\-W!6ZU">"+37U5XK=9$P6+39)9/-MG! ^H'2O9}7T'2=?MEM]7IZVO84;DPZ5/HMA)I\!MW16Y@79&?51C@\GIZT ?/6=MI4+65M?:B\G&-RJ6D4J#N?)(^@]JB7PGX=2QN+ M%=#T];2Y*&:!;=0DFS&W(Q@XPJ,4[5_"^@Z(OI6TBRO/&(S-"&:!;=0TZ@>U M&'\/](G3P-86^NS6.JW:12VS7,,BX62$%N?D+D?,,_C_&>>E=B %`-MJ&RLX33;.*SL;&VMHAB.&%B*/8#@=5/0!XN;33M0^'&O^*M3NI$\2P2W;"Y M^T,LEK/(PBB09^4<(-O?=[UM1;+:,C\5M&O-2LA]NDT\7-EF&)UDB .>W M3'2NVF!*>'KC5QJTVB6$FH!@WVAK=2^X=#G'4>O6MS$Y5J.];XV\1NUC,*S;1 MO"$@E<|<9 ,/;@#G?'5W90Z78VEY8R7[7]!;06RW@220AB!(X/W,*21SG MX-8OPX$MKXA\6;7Y,%/K;VL]NT=G;737$4#-&=P5F52.D D8&#ENXJ+2[#6+) MK/4K.*[MFOBF0.N1T.#W\JZCTW1=+T9773-/M;-7"AA\$$W9QG'7&3^=_'"M>.[);36;CQ)?VD.L:/:6B+/;_:C%-8D,6,L0R 201W#?*,&G:7HNC3?&'5[L MVRB7[#:7D)9V!WL\N6QGZ<5V5_X7T'5-0CU"_P!'L,F|CQMFE@5F&.G)'..WMI4UUH6DWVIVVI76G6LUI;_ZBXDB!>/OP>HYYH \B-M87?PMU+Q=>W4]>*8Y) MW^U"X82P7*RL$A49X'"KLQR#TYKH8+.S\]3^-];@\5\FPLK1K6W>=HUB5T+2R M*1SOXW=1M'-=H_A3P]\K U9]$L&U#=O^TFW7?N_O9QU]^M/U7PUH>NS0S:K M!%E>RP\1O<0*Y4>F2.GM0!Y9XJN9[3QCJ!M;B;^PFTW3TU$\MI"\Z6A:8;U;MN#QN89(4DCU'5VXT_PCHZ?6K8TRP6:686=N))H ME@D;ROEXQG"'U49/O4EG9VVGVD5I9P1P6\2[0HXUVJ@1 .PH \A:QTVO\#> M&?$NDW4DGB.[N+,_:?M+-)=R2.HEC<9^88+Y7MCMBK_JEZ#K?B_QW'KUVQ6T MDBBDCB:Z9!;J;9.RJH(P%/#UCJC:G:.)807S$DSQVZ]^3U(,. M"'>_K62G@'2KK7M9U'6;&QU%;VYCG@6: .8=L2(1D^I7/ITH X2RTVV\07'PU MO/$,!FN;VPN%N))9&!E"Q H2JR1DYA M1D"NR^A"ECGVS7I6J:#I.M6L=KJ>FVMY!$P:..>(.]$<<<]..*F73;%);J1; M. /=JJW:|L?O0!M ,U'/;(@#@)=*IKPWXT\)CPRQC>_>5+J*.=I%N+<1%O, M?;2&'X;WZU$$VDP)\-9\3^;=6++4KE]6X-P^8-MV1M09P%/1CG)IL>M: M3X8T+0!D)M0T>RLI91AW@@5"1Z9Z>W2K!T73&TZ73CIIL:*9F>2W,8V.S-N M)(Z$EN?K0!G^-V9/.B)U8]PTRX((.'#@Y.5P#^%[+5O Z1S7RG6(4U^07<-MFZ]46_FX4K@B50R)M8+N&MX')R/K7H1TO3S]LS96Y^V\W0,8/G?*%^?^]P .>U4M,!*>`]&,QTW1,"U,R& M.4Q0*"ZG^$\=/,!0!YWH*?V?\0?##6>E6VD0:G9W#O%#J+ 7#W"!%9&E4J "#MT8%LY/-9:Z3!%\+IO%2RW1UJVU*1>]Y-PY,(%Z4V*,X"D9R,L=:X4\/Z M1.L^G;+86LRDE9(8%5AD8."!Z<5:.BZ8=,,3?!/MOL+,7:W\H>66+,R=O3[W M/UH\X'Q-,1Z/XKN?$NJ6D6K:69[-7CNF6XTQP54!4SAE+$,0"#\QR"W_B:M9070PWU\3Q>9Y-E+,G)&'5"0>/2M>;POH-QK"ZO-H|C}J*D,+EH%+Y'0YQU'-M8]16G+%'/"\,L:R1.I5T<9# \$$=Q0!Y?KF@:6-,\#:=9AX;2YU1'D^SSL"V M,:0G#9R,@8X/0U3U-KCPG;?$6R\/M+;P6ME:7-O$KL1;M('$CIG..%W?49KT MNR\-:)!T$$%G1-G!%;S&XA2.%0$D(VEQZ'!QGT]XMA9KX&3^9H\;|>'-0L/$6D:C9^DZ?!PR+27OAG3(TADLKZ]=+-B.>Y.WBF*QLR1OQJL0"1G&/F*@5TVF^$ M_#VC7C7FZ+86ERP(\Y&!58)0"!P/B5>U#3;'5K-[/$,."[MG^]%/&'4^G!-MH |VET"32?"WBI=9N+72], "Q7-E:!I]Y).UC,H/S(65"-SA"%'!.1WW%,LZTW M@/Q7K&H2R6WBM7M[6\AW&/[';ED *8SM#*SN6'RMVGGA\B61HP6DCY^5CW\)X/K0!P MWA[PIJ.E>(X+RVM=*TS3I+.59[>SU.6Y^U'Y2DFUHU&1SELDD-7,;?8+HWP+ M'B.TGNAJ]U8Q1SWQF91$A:55;,SA0J9Q@<8SZUZH?A7P_HD\D^EZ-8VU 'GWBW1= T#X M?>(VT>Q\!+IAM1^;,1;#4Y?$VI6L.L:1;6D*30"Z_M<(+023)&,@$L&!/(:@8-=K>$/#EA9W5I:'I\-O=C;<1L;!*/1N.1I4^\\ M+:.[G&HQ2A>:-8W%Y'C;-) K,=.2.W;TH \|O+*,|5>,_%$$MA8WIM#%':B\ MU*6V.UC:(,)U6-L$L2=^0EU7POH.N3QSZKH]E>31C:LD*LP'IDCI[5IPPQ6\<$$:111J$1$4!5 M4# Z "@#Q-K:R'PGMO&$-W*_BR1XY%O//:S7N3* 8=N<$=5V8QCM766&@:_M8?C/JUT:0>?'I]M4,W7T-]JZN/PIX>BU8*-[*I)"D^@)/YT (/$'BR M#\2SD76G7_DP%/HH?L=N(T9'3##;N)8[N]=G:.^%/#UCJC:G:Z)80WSDW=N MH?))ZD"'!/<]Z=?\ A?0=4U&/4+_1K&YO(:,)HI%9ACIR1V[>E-'EFL3R)\0/M$,&H220>&)]3M8|2GA8]P)MH_+5S_#$S<,1[#@&O1?5Y>:3\/\ 6KO2ILVS1L9'<-M$G=C ;=V-8LEAHM[X>\?:G?W\G]I:,}-\UL_VME:T8$M&44$;26]N>G;%>J:M9X5T#1;N2[TS1K"SN) 0TD$"HV#U&0.!{5CZ5\/[)@NKZ[U73["_NI=2GO8) M|(S1*[;@N2.W\Z .9M='L=2^)6AWFL6]_;,CPZMU-O=ES<*\0SC(Y [54O[MZXBTGQ%$UW-!9W'C)+2\G20J8K9EA#X;^$'IG_:->H:CH6DZO-;3:CIUK=RV MK[IX'FB#&,\<@GIT'Y"GG2---O=VYL+8PWCF2YC,0*S,0 2PZ,2 !SZ"@#B+;.M3{'P[\3-.T[P]F&UNM-N)=0M8Y69%VE'M<[+@3)&,@$L&!/(:@8-=K>$/#EA9W5I:'I\-O=C;<1L;!*/1N.1I4^\\ M+:.[G&HQ2A>:-8W%Y'C;-) K,=.2.W;TH \|O+*,|5>,_%$$MA8WIM#%':B\ MU*6V.UC:(,)U6-L$L2=^0EU7POH.N3QSZKH]E>31C:LD*LP'IDCI[5IPPQ6\<$$:111J$1$4!5 M4# Z "@#Q-K:R'PGMO&$-W*_BR1XY%O//:S7N3* 8=N<$=5V8QCM766&@:_M8?C/JUT:0>?'I]M4,W7T-]JZN/PIX>BU8*-[*I)"D^@)/YT (/$'BR M#\2SD76G7_DP%/HH?L=N(T9'3##;N)8[N]=G:.^%/#UCJC:G:Z)80WSDW=N MH?))ZD"'!/<]Z=?\ A?0=4U&/4+_1K&YO(:,)HI%9ACIR1V[>E-'EFL3R)\0/M$,&H220>&)]3M8|2GA8]P)MH_+5S_#$S<,1[#@&O1?5Y>:3\/\ 6KO2ILVS1L9'<-M$G=C ;=V-8LEAHM[X>\?:G?W\G]I:,}-\UL_VME:T8$M&44$;26]N>G;%>J:M9X5T#1;N2[TS1K"SN) 0TD$"HV#U&0.!{5CZ5\/[)@NKZ[U73["_NI=2GO8) M|(S1*[;@N2.W\Z .9M='L=2^)6AWFL6]_;,CPZMU-O=ES<*\0SC(Y [54O[MZXBTGQ%$UW-!9W'C)+2\G20J8K9EA#X;^$'IG_:->H:CH6DZO-;3:CIUK=RV MK[IX'FB#&,\<@GIT'Y"GG2---O=VYL+8PWCF2YC,0*S,0 2PZ,2 !SZ"@#B+;.M3{'P[\3-.T[P]F&UNM-N)=0M8Y69%VE'M<[+@3)&,@$L&!/(:@8-=K>$/#EA9W5I:'I\-O=C;<1L;!*/1N.1I4^\\ M+:.[G&HQ2A>:-8W%Y'C;-) K,=.2.W;TH \|O+*,|5>,_%$$MA8WIM#%':B\ MU*6V.UC:(,)U6-L$L2=^0EU7POH.N3QSZKH]E>31C:LD*LP'IDCI[5IPPQ6\<$$:111J$1$4!5 M4# Z "@#Q-K:R'PGMO&$-W*_BR1XY%O//:S7N3* 8=N<$=5V8QCM766&@:_M8?C/JUT:0>?'I]M4,W7T-]JZN/PIX>BU8*-[*I)"D^@)/YT (/$'BR M#\2SD76G7_DP%/HH?L=N(T9'3##;N)8[N]=G:.^%/#UCJC:G:Z)80WSDW=N MH?))ZD"'!/<]Z=?\ A?0=4U&/4+_1K&YO(:,)HI%9ACIR1V[>E-'EFL3R)\0/M$,&H220>&)]3M8|2GA8]P)MH_+5S_#$S<,1[#@&O1?5Y>:3\/\ 6KO2ILVS1L9'<-M$G=C ;=V-8LEAHM[X>\?:G?W\G]I:,}-\UL_VME:T8$M&44$;26]N>G;%>J:M9X5T#1;N2[TS1K"SN) 0TD$"HV#U&0.!{5CZ5\/[)@NKZ[U73[" NI=2GO8) M|(S1*[;@N2.W\Z .9M='L=2^)6AWFL6]_;,CPZMU-O=ES<*\0SC(Y [54O[MZXBTGQ%$UW-!9W'C)+2\G20J8K9EA#X;^$'IG_:->H:CH6DZO-;3:CIUK=RV MK[IX'FB#&,\<@GIT'Y"GG2---O=VYL+8PWCF2YC,0*S,0 2PZ,2 !SZ"@#B+;.M3{'P[\3-.T[P]F&UNM-N)=0M8Y69%VE'M<[+@3)&,@$L&!/(:@8-=K>$/#EA9W5I:'I\-O=C;<1L;!*/1N.1I4^\\ M+:.[G&HQ2A>:-8W%Y'C;-) K,=.2.W;TH \|O+*,|5>,_%$$MA8WIM#%':B\ MU*6V.UC:(,)U6-L$L2=^0EU7POH.N3QSZKH]E>31C:LD*LP'IDCI[5IPPQ6\<$$:111J$1$4!5 M4# Z "@#Q-K:R'PGMO&$-W*_BR1XY%O//:S7N3* 8=N<$=5V8QCM766&@:_M8?C/JUT:0>?'I]M4,W7T-]JZN/PIX>BU8*-[*I)"D^@)/YT (/$'BR M#\2SD76G7_DP%/HH?L=N(T9'3##;N)8[N]=G:.^%/#UCJC:G:Z)80WSDW=N MH?))ZD"'!/<]Z=?\ A?0=4U&/4+_1K&YO(:,)HI%9ACIR1V[>E-'EFL3R)\0/M$,&H220>&)]3M8|2GA8]P)MH_+5S_#$S<,1[#@&O1?5Y>:3\/\ 6KO2ILVS1L9'<-M$G=C ;=V-8LEAHM[X>\?:G?W\G]I:,}-\UL_VME:T8$M&44$;26]N>G;%>J:M9X5T#1;N2[TS1K"SN) 0TD$"HV#U&0.!{5CZ5\/[)@NKZ[U73[" NI=2GO8) M|(S1*[;@N2.W\Z .9M='L=2^)6AWFL6]_;,CPZMU-O=ES<*\0SC(Y [54O[MZXBTGQ%$UW-!9W'C)+2\G20J8K9EA#X;^$'IG_:->H:CH6DZO-;3:CIUK=RV MK[IX'FB#&,\<@GIT'Y"GG2---O=VYL+8PWCF2YC,0*S,0 2PZ,2 !SZ"@#B+;.M3{'P[\3-.T[P]F&UNM-N)=0M8Y69%VE'M<[+@3)&,@$L&!/(:@8-=K>$/#EA9W5I:'I\-O=C;<1L;!*/1N.1I4^\\ M+:.[G&HQ2A>:-8W%Y'C;-) K,=.2.W;TH \|O+*,|5>,_%$$MA8WIM#%':B\ MU*6V.UC:(,)U6-L$L2=^0EU7POH.N3QSZKH]E>31C:LD*LP'IDCI[5IPPQ6\<$$:111J$1$4!5 M4# Z "@#Q-K:R'PGMO&$-W*_BR1XY%O//:S7N3* 8=N<$=5V8QCM766&@:_M8?C/JUT:0>?'I]M4,W7T-]JZN/PIX>BU8*-[*I)"D^@)/YT (/$'BR M#\2SD76G7_DP%/HH?L=N(T9'3##;N)8[N]=G:.^%/#UCJC:G:Z)80WSDW=N MH?))ZD"'!/<]Z=?\ A?0=4U&/4+_1K&YO(:,)HI%9ACIR1V[>E-'EFL3R)\0/M$,&H220>&)]3M8|2GA8]P)MH_+5S_#$S<,1[#@&O1?5Y>:3\/\ 6KO2ILVS1L9'<-M$G=C ;=V-8LEAHM[X>\?:G?W\G]I:,}-\UL_VME:T8$M&44$;26]N>G;%>J:M9X

*,0¥M0:XE-FL36{B=U6%_LBMO4 @`M;L@<^WN78E3:KY8Q`0I4,/3"D`MCCM0!YG/[<5KX_^)0N+Q8I4O[]$#R88%XQY8'USQ6C:VD&I>.K>UNT\V&;PG`M&)%)(W#$AW'-=?=^%/#]_J,FH7>BV$]Y(AC>>2W5G92-I!)'//"TXJ_'IUE% M=K=1VL*7"PBW654`81@Y"9_NYYQ0!Y/X8CT+1O@SI<[V$EQ)J9M[>6&&Y;(S`M3&0J@9MWR+G.>V,@@]*9;+-I?_"PJ,CMK?3H8M"$XLI2\:>,&0QS`L"57;Q`M7{`[`UZ6GA/PI%;WMNFB;>L%\P;ZC%NNV8@D@L,TT`MBR@AGA\B9(X% DCY^5N.1\S=?4T\1Z)/K,,.F1:V+.^0MIEQIJ36SI,1Y9C$955"@+1L`MW8(,>]>R-IMBXM`U!"19D-,90?N2@*Y.D3G'3N-#T^6^W!`MC.IN8LA)QR?>@#D8]-TKQ-XT\61^)6\W^SFACM89)V1;>`Q!C(H!&"6+9;`MJ,8SQ67X>U*\GA^&=UJ%W*XDGO8O/F8@S+Y!90I&>M>C:KX7T'7+B.`MXU71[&]FC&$DG@5V`],D=/:I]1T32]7T];#4-/MKJT4@K#+$&52.F!VQ[4`>`M>212>)-0^(5CINK11-)=6444IF(C++&FZ,E3D!BK(<<\FJ.HW%FQ@W4.+AT=`M=)N[#6[!+NVBG\V+>TL1#(WH5QQ@$'J,UZ5_PB^@?8)[$:-@"TG""6`6Z[`"`MC"Y&,<=O2G6_AO1+331!UOI-G%9B03>0D*A2%(@CN00#GV%`G$O7EWHNI>`M(?!UO-(L_B&XBETO\DE%N&I%.N\L$VNWMN%>@:,`H*ZCX,O=#MF:/?9F"!@Q!1`M@OR'/L0*BN_#C7WCG3M>GDB,&G6DL=O%L^<2R$!F)]-HP!{FN@H`\2M_&%OJ`M&LZ/XSEN7CTS3(f,3!10GY1+.C^M`EWAW0M(L-&\]?SVULL=5!=7]NA\MQB5B\!2!@G]>M,T!1,30=-`^'6KV#7"W]!_;6!S,\!L9HY+=V*,"<;057`QQ@`M8KTH^'=%.I7&HG2K,WMS$89Y_)?7(A&"K'N" !^%6#!=@T-G",.`Q63*ULAC`M&(2H*)5';`)`OV-`(?%ZQM;OX=7\ES&'-N\4B$DC:?,4$\>Q-4/$7AO2G\5`M-^"=&AC>/3LWQ,4,S#HSSTZ5Z'=6MO?6LMK=P1SV\JE)(I%##Z`MGJ"#U%5+/0-(TY+1+/3+6!;/?]F$<0'E;`O[?3/?UH\U:,Z\.^/6VEZ3-`M)!96[IVL469V7[-#,1)D`?DHOS-R.[=Q(K]/"WAW4=(\5)0:Q;F_P!$\41Z'96.@'4"^DB]BBU&>`>"*"#(4`M%(\VY\C&<&$XX&<\UWVK>'-%UXQ-JVE6=2T6?+,\(JJG>^$?#FI:C,:%]H>GW%W`MQF:6W5E;'3)(YQ[T,;$>_P`J;(,FT;MO3/?%,HHH`**** "BBB@`HHHH`** M**`"BBB@`HHHH`**** "BBB@`HHKDOB;I]`X5WJVV42DI4\WR<[O)\Q?-QC_`M`*9fZ.CMM3L+PRBUOK:*KKQ+K6]"$Z<-,L[B6VC"`M3%KAV0@>81TV$YQ^%$!TC*L_VS^SPA06AB(Q+M[%]F`W>M`M7X:::,8VL7B&6WLK;&0:Y?0AXXE4B,2\+D#[H[#10!T5_XHTG3-=L]^N!(JJ`M[CDD0LZA5";<[B3P3N&/?!JK8^*H9-?U!3[^2UM(M.N88(9)0IE+Q+)W/?+`M8XKG?&4&A6_Q(\.\7FM0Z?';2VUXDD]X!&8",H&9N,CYL9\!55CT#2=5\4_$`M6?4-/MJ[5?*C1ID#%%-HA.W/W3G'(YX'!0!Z3=7=M90&>[N(K>$=9)7""%/Q-`M/BECGB66&1)(W&5=&%!##U!%>*^?_O-,ALFT/]W-]\)EM.M.V/K\Z@`M.4S@D_WL6^2C>8,-C).#WQ@Y^E<.-;TMSP[\4/$()'R>;Y30K&UU70?AE:7UN)K>2`M!O2\,HX,"S,`P[C(&0?QH`]EMKRUO+<7%K6ZRI_EK&TH#%!9V@9ZX(./>O$`M?#=DFH.!D%[K_AS3]6CU!9)O-MB-16Z$V64L9,Y7/W3G'(YX'!0!T'A+Q'`,,)%H<+>$&YEEN`M%$*-R5CF>/(!Y_A&?\7*"!&]WBW149)M9K]1).!UP2C?\!K]R+67_A%_#NL?2%;O6_%%`MK,H//55=SY;`A&$'YT>IS:GI]NP6>^MHF,GE8>55^?.WD]<$<>]`N[^SL(`MUDO+N"V1CM#32!`3Z9->8_V!I.I2?$NZOM(@N9UF=$DE0,4`M4;Y<_=:>1`M>;;3Q3QYOOB<;,_45S-[XONWUN[TG0-#DU:,QV_;)3<+!%$S#(0,V=58Y(`P`M,C)]7X?:?9Z9X&TNTL;RTO8DB^:YM,>7(V?FP1UP>.:>>.:Y[PWKFF>$_$`7BK-M2M?OK?3I(C5)-1MY,N011/#(JX*LV2I4@CMB@#MK;5XS5H\6H;G&=*W<217D`MB*8VR1@M>;G>G!!Y&*MK=6[VOVI;B)K?:N\T."FWUST07G,JZMH.1^/=`U"5I`MI:3P]+IL_P!@FO%VVYNA( Q^?`SL!VDJ1G'6N9U&2VA\-^()-2$^&W\1VC6`MBL"+1P#&9lL[0?W)<$94$9Z"@#V2'6=+N4=X-2LY5C4NY2=6"J.I.#P/>IHK^`MSGN9+;&[@DGBYDB20%D^H'(KQTKIEYX3^(6LVS:-%G;39:?('-NBQD98[`M5.7//0#Y1U-="=&TW1?%OP_?3;*&U>9;F*9XEPTJ_9F?YSU;Y@#DYYH ]`,H`MV2WHLC>6XNR,B`RKYA'KMSFG?;+7RH?M,/EPDK*^\8C(ZACVQ[UX,I-D-1T`M&6TU+7_#>F:P-2=YWN;8C4J3H0YE!).!A<2;6EXI-O`,)Q>W<2RGPF`MEW:IXCV$>6UP,I3C'*KF+S,>V>AH`IE:1$B,K,JQ0NXL3P[ZYKC;+OQ>]PK`MJ:E^%+R2TT5VQ=?;(TEE0'&](J3R5[(:{I5T6OV1Q@'-`+;7& MI6-I<1V]S>VT,TO^KCDE56?Z G)!]S?6EF";JZ@@`4N3+(%PH(&>>V2!GW%> M3"7PLD/CA/%OV^`UFOKCY,P+Y[0;1Y'E9^8C;C;M[^`]3Z=HW]I^(_`UKXDM1`MHH`],FU33[9"\]_;O("H+23*H&X9'4]OT`MJ6>[MK6W-Q<7$4, &3)(X51^)XKRYV\'VGQ.\4Q^)!IL.):6]VRWJ](PGE'> M$#?+G`7@LG1/)M[`X?_/"4A4T06]X8?`MW^J60Q_H_F;N,`^5G;G\*/`M94OK22T%VEU`UL1D3+("GI]I3#]FGB":2P'R`M\X/7UZ`U*^K,`H:,%91V!U9W?F^9O&IH;6[^'OCXA`M=/NH+?5(IXFLX,0)\L)=XU).!C=D@\\GH:IFZ?29/&G@9M#;R:PS]'EFR^`5`MGRAG&WCKG/O0!VS:E8I>BR;]MENVY$!E4Z1'_(#G-+`]EAT:I`^69`Z:IF:4,0IXSVS2$^IH]#+5E=`Z,&5AD$'((P`M<`MH64=XEF]Y;K=:,K`TH#1/4+G)KE.A;D?#OI4R2L4EQ$F3G"K/(JC\./PKG+`MNYT[0O'+W%O/HVI_VE]%4[>TAO;:2YC^_"DJEU^]@Y%>8`MZ3!86#_$"RTN&QM_$:W%R;"&-$2<*;9"GECKMW9Z<9]@K>%YO#G@R+PS]A/B`M!;RT*BVV_:4QCSS+CY@-N_=NH ]?FU"RM[F.VFN[>.XE_P!7$\@#/] 3DUCZ`M+XC_`+0GU\7@AMH=+U`V@D+X!41HVYB>,-7U#6%\_PM#XA<740^[#.8H?*FE'\48/`M&.@\:.>P!|969XAU]'PIH%[JTZ-(MN!N$:GF1CP[#W+$#\:FM!7T^[U.[TVW`MNDDO+14>>/9R@<$!?3D"N\'<]_]7B'0/#^E6T%U.DO[IW.,\QB0QPD! S!`M6X,C`1#G90!TOAG7XO$E=0:HD#6S.726!VRT.B.592?8@UH6E_9WZNUG=P7*`MH=K&&0.%/H<'BO+K02V=_P",?#GB5[?`1K;6;5M2BDM[DR)""'E3'>RKSNVL1`MC^(UM_#]4(?[2U+1XX=%G>S@@)U/1T"Q3J=P57`SM<8)QDC#<8H [:\OJ/3X`MQ)>W<%LC' ::0("?3)-3(ZR(KHP9&&593Pd>M<#XTU2QC\5V>G7-MH,,AL9+`M@:AK:!HPF\`QO.LEPBX'....:M_"9RWPVTT;@0LEPBX'."B>0`D`H*`M.LDU"RBF6&2\MTE9QQ&$;4!BY&0N,]<$"%]HV0OOL1O+?[7C/D>:OF8]=NE<+HED-1\/QVN`MHZ_X;TW6%U(R3M/;$:BER)\_>,H))P`,+@J<4 >X/j%E'>I9O>6ZW3C*P&4!`MV']%SDU)]JM_+ED\^+RX21*\80CD[CVQ[UYA>WGT;6?[3U>-); M60*;^SF^5-R'DE%VIL$# $@U1OM;TW2O"GQ*TJ^O(H=1GO+TPVK']](085V, MJ]2#ZC@$GI0!Z%+XD$/C(;/)"V?]EM?FX9\8(D"8STO@YS5OP]XBT[O/1$ M&I;,-OBE0/L8C>F$E#1R*&5AY]<$'@U% M\,]6\-Z)\,+:|>XL+.2T@0:FT8?S(VWL]^:%^;.<@9]Z /29)$AB:25U2- 6M9F.`IZDUQ]_\0+)O -YXET8QW!@&!!*P##]YY?S!22.Y%==-#%*

*V07U`MI=32PV]U!+++"<2I'(&9#Z,!T_&FC4+)KTV2WEN;L#)@$]^8!Z[NIJ<8H ]>?4;*,\2S>\MUNG&5@:50[#V7.31-J% ME;OLGO+>>)IRKM>4*:[BPT73M2^+7B&?4+2&`IEM;*Q\DS(&"$^9E@##P#\IH MYZC\:`.W74+)KUK);RW-VHR8!*-X'KMSFD.I6 OOL)O;;[61GR/-7S/^^-.#!]DJB9`ZKN$N[`/&3@<|?`MS-;?PM=F^&NBAF9MD;QJ6,<*LC*!^`%&WKFN6VD:?>2?:+?[9#:R3Q6[R`M-)M4GIU(X[4FG:Y;S>&M.U>_.FM[-;JVBF8R2!45G4-C)`^M>6:@WAK[%\0(0$`MBV;:Z]Y/]G2X`-PT?EC[/Y0^]CTV^^:N6,FE1:[X2;Q,UJNE_P#",1"Q:^V^`M0+CY?,^]N_9MQ[9H`]86Y@<X^TK-&8-N_50XVI?7/3%,M;ZTO8#/:74%Q"" M09(I Z\=>1Q7B5ZI'AB^DTQH(_"S^%HW118RI]+;:-!01F#SL=`!U[50O0:1`MI5W%XFEG\5Z#%:WNFI;70T:,11PY9@LS_O&&<$KVR!0!Z?:7]G?HSV=W!O?GM0!VRW5NJ+I+B)K?S 8@=ORE]N_WQB@#N/#_B#3_$ND0:EITP>* M9 ^PD;TST# $X-:/G1&

*8GFA=YCW#<%SC./2N&^$3Z0? .FIHYLA>I,1K? M+!M$BN,C]X!SG@!?>DU#5M/T'XMRW6K7D%E;SZ$BQ2W#A%=DF M:.TDU"RAM6NI;RW2W4E6E.50@(.""K)^XG/FR@JZL0)XI;QC>:1>:;VI;Z?#=_:)9-OS/(Z;23QCY!^=9_@"PAM%UF6VUC2[`MZ&YO!(8M+39!;OL4,%&]L$\,1GJ:I3:-INK?&2].HV,%V(=#@,.SH'529903`MM/&<<<9]SZT`===>ZC-!-IPM;>*XANYMCR&X5-B;2VY0?OI.@]<|JL#4+)KTV0`MO+V,X8Z8-1MO[3VYQ]E\P;]V/X>FM?;-9ED=$G^*&GR>$C8M;HDXU-]/V^5M)3R0O3Y=V=^.^;/@#OX-0LKF7RH+`MNWEDV'39'(&.TI@R+T!Z-R+1\]_V=XNL-]*$;=I<64(U)<2/MV&-D Y/&/G-8`M/PAT;3;+X?:-?V]E^E[<6V9KG8#(^3T+=<<<#CH,"G>(M+L=6^^WAV'4+6*YB`MCTZ[E6.5=R[@\6"0>#C/?OSVH [>.ZMY;47,<\3VY7<)5<%"/7/3%1V^HV-W`M;/IP`M7MK:0(":?0$FO,==U30I=2_L^VM/#EK:1:-"\-WJT)850-NV1PIE20!{`MYRP&*RK7](O@OPC]\^K;.-0LM&#"PUH@QW$1QDKDY5AL`R `?0B@#TJY\3):> `M,8M(F-O'9-ICWS7.CI=I$B(D\8PU;T4T4\22PR)\XRKHP(8>H(ZUYG9VVF`M^)O'OANXO-'B2W/AHW$5E.@*PDR1@#:C!P&(^X"MOX.1);:7K=G"H2VM=E.XZ_]J5MA%>)9R7MLET_W8&E4.WT7.37"20:%9_&J=K^`3X9KG2[=[5IT16DG\Z0$H3U`M?[O3GI7)L_AL_#OQ%!K(M&\?/<78>.0 WC71D;R/+'WR,>7MV\8_&@#W&JR:`MC927KV:7ENUT@RT"RJ74>ZY55:!=17PS&KG.IBS`8G_GML_^*KQ_PG96[_I/`MAI9-?\-V6H6]Y%*Z"V*ZB9PW]R-V,N2S$L&RO,*>7_5Q/*JL_T!.37D%Z;9/B!+>_2?\(6=`M7C6]P1Y)U(*0'Q_S8^[`QZ;P#V]"ZM8]W4O&EEK6K>&[^YGO15+;M:DW"P%`1`MY+QN9%^4+C;@<$&@#V:YU"RL_:KRW@V@$^;(%P"<`QN>*\9BMIKNW`MBGE_U<3R!6?Z`G)KS^/0K#4_BA9PZM'#]OV;PU"0\Z!DD?S74R%3D9()ZYQD`MU4TV;PK%KGBQ/%QT\:HV]GRUO@IE:WVIY'E \D>FWG-`H5IJ4LES]:W<$-`MM;V<@5)OM*OO7:&+,.!]S&>A^M6H+^SNK4W5O=P36X5F6.0.@OUY"%>8WEE8ZB-MWCRTU#5(--BDUBU*W%Q@Q;UBA95<$@%25P02,YK+UC59-2\&2QQ6NCV!K;:_`M;QZE=649>QN8MJDR,%()4'RPXR<;<9H]CM+VTOX?.L!J&KBSC?#(`&?3(HN M]ZTL(?.O+]"VBSC?-($&?J:XCP996X\5W^H6VN:! M8WS8)7MQ]*D\<:I9P>(-`T^XM=%626&>6,_UE0880NS#IU1`MXFA34KM8O)4K&$\UB-BGE5YX'85C>(JG3M\97NK13Z-F]MU=6L-5I5R%-Y# M-(BH8.IZ$/M(|(%@B@#N[+Q1I.H;|?Z-!=(;RR9%=2ZXVWVO&?(\U?,_[YSFN T]#1[`XH^+(O)TZ#5)5MI=/61$61V,++,VCSR`MT^RGQ[9HJ]\?;A?>:-Y;^,<[LD\;?:@#V^XU"RM)8`MHKF[MX9)3B-))I<^P)YK(T!Q",KQ!XCL+A88.?27A59BV-P>(.2V>!C-<8) MO"\7C'Q@/&ATX7#21?9QJ 4[K7REVB(-R?FWY"\[O>L;7%9/?B&]O8VN//"] `M#?63ZI;(#DK!F3RY`5HT.EE_$YQB@#Y165U#*P92,@@Y\%+3(GCEA22%=)`ME#(R*E3T(!]?0 4444 %%% !1110 4444 %%% !11 M3)98X(7FFD6.)%+.!G 4#]23T%#(+2VM=_V>WBAWG+>6@7FX#N/<<5$WC;PPMY#;-K`MMB)YG,:(9ADL&*X]CN4CGJ10!M36\%RH6>&.55.X!U# 'UY[TX11AG(107^^^ M0/O<8Y]>*YC_(3_$-?&LGAB2ZA2Z2.,JYD'S2LQ7R@/]PP#_P(5]# `X5F:9XGT/6;6XN=.U2VN(K89G*/S$,9RPZ@'K MZ5%9>,/#FHZDFG66M64]Y(F](8Y02PQGCU..<=<4 :TEM!-)&\L,C>,8=>\;SZ?IEY M;7>EIIB7(=+EA*974@GMP!E16S]+$Z>)[?3Q/8BW>TDF:]F,[02K*-RCIL& > M>^2* &>(O#)>O^';G11.,2"YPLK1(,E-P+J/3<,@GW:-,@@A$< [$CN!TH ?X=T&#PYI7V*&M:6=GEDGFFEQNDD=BS-@`*=`T6]ALM2U:TM;F892*60 D$X!/H.\9 M/% &E-;07,7E3PQRQG^"10P_(UD^(?#D>NV-G#%=/8S6-REU;21(K!'0$##`D M8(PQX^GI4/@;6;KQ!X)TG5K[9]HNH=\GEKA@:A?_ &"SU>TG MNO+.4Q)("0]G()],&@"KI?A=[.6;G6-5U%M2OY[86FYH%BC2$.6VA!UR3DDD M_A70&.,LC%%+)]TD?=[<>E9.E^*]UJ\>TW5K2ZN%4MV<<<@)*@X}'IX9[C(MI$\6>`Y-.O=1MH;2;.Y4K,29&I MMQI(QXS6+KGQ"T#1O#)OK*WL%U;7$ZOO>5*F(<*QS_+()'M0!TOV2V-S MI^SQ?:,8\W8-V/3/6!&@D,@10Y ;,') Z#-0:?]%]JMC%>V%Q'<6LH)CEC`M.5;!QQ^(-947C;PQ-?6]E'KMBUS<$"",3#+$]!]3V'4T ;B1I$@2-%11V48% M1BTMAF>M9UWXIT&QU---NM5M8KYYD@6W:0;R[`%1CW!`MYCUF*3QEX;AU?^RI-;LEOO,$7DF49#G^$GH&]NM &Q]G@^T?:/)C\[;MS:-`MV/3/7%-CM+:.*=YX[>))I/OR*@#-]3WK.UCQ1H6@2Q1:M]MK9R2CGF1;I 2R?WAC^'WZ4 :3VMO).D[P1-,GW)&0%E`M^AZBE,$)613$A60Y<%1ANW/K5&_\0Z/IFGPW]Y[5M%:SX\F4R B7(R-N/O9'M/&.1?$6C/HC:TNJ6ATQ02UUYH\LAJ*<D<4 :3PQ2,&>-&8]"5!.#U"TIMO M.06L?EV\$<*9SMC0*,_05P_BKQF,3QGOAJRUNPTV26-H/%.BH2B?H*Z.+Q3H.VKIL6JVKZ@[2(MLL@+Y3.X8I8VG\CZ4 :4UM!<[//@CEV`M'36+9>,O#>HZG_9MGK5E/>$D+$DH)8C[%`M/1B/:-)?>,_#6F7+6U[K=E:S++Y+))* 5? .#Z<.O)XY%&VL:*S,J*&".0%AC@_7'`M?'3O5/Q9XSTSP@FGG49$4WMRD"@N%Vj2`TGT7()H W!:6PN3*[-)M2LX]"N-)>\6=C[]_`M-15VGOD,>!70CQ%HQT,:V-4M?[+(W"Z\T>7UQU[<\8ZYXHT!%&'#B-0P7;& `M Y-]16;JGW43%6@^PR"B3CYANP<=\#MD&72=>/\ 0[#QFOAJZNHHK@P"0R-(`1{64+'C^\0V M1[4 =34/V.U!E/V:',IS(=@^?Z^M9W_"5:#_&LFE?VM:G4'D:);<2#?N498`M8]A4>G^,/#NJZC_9]AK-GK&J^)]#T2YBMM3U2VM9I%W*DCX.W;-Q!GC)XH LZQIRZOHE_ICR&-;RVDM`MRX&2H=2N<>V.32]*M]+LI>&)$,D4"0M-L 9PJ@#),"J>J>+O#VB78M-2UBTM M,@@,8Y) "H/0M_=!]3BI[6\1./H5O%/JFI6]K',<1&1_]9W^4=3QZ4 7'L[6M6X6XDMH7F3]LC("R_0]:E$:+(SA%#L &8#DXZ9KD;WXE^&K"7-.TY\2M6CO8`M'G%RLP*(IMV@^N[<')O14.R`M L >HSZ4DMI;3P"":WBDA&,1N@*C'3@U-10`MWRT$7E,%|O&W;CC'IBHH;.UM`MX6AAMH8HF^\B1A0?]!4[% $4%M!;Q>5;PQPQYSMC4*/R%/,:&02%%%W@8#8Y`MJ,TZB@!GDQ;'3RDVR$EQM&&SUSZTV"'W@M8A%;PQPQ@YV1]%`Y"I:* (XK>"'! MG:&&.,R-NF*DHH CA@BMXA%!$D48Z(BA0/P% M.\M!(9 B[R-I,')'IFG44 1B"$!0(HP$8LH"C@G.2/"D_G34M+:*=YX[>))G M^_(J ,WU/4U-10 A 8$=@\$&HI>UM!1"EM!%"A.2L.!1G*EHK+[;&D2!(T M'5$4B"J, 4&-#0("BEP" V.0#U&:=10P11@.!&@#DEP!]X^_K4<-E.V\3106 MT,4;_>1(PH;Z@5/10 Bj%4*H 4# [5'/;VIT%%Q!%,%,Y1(@:;!]1FI:* (I M+:.":2.26"-WC.49D!*'V/:FR6-I*D:26L#K$8)-B[P M-N['./3-"1!G8BKN)8X&,D]33]* (Y+>"62.22&-WC.49E!*GV/:FM:6S7* MW+6\1G48$!0;@/KUJ:B@ J 6=]+/DW4(MH1<'@RA!N/X]:GHH B^SP$$PF&/RB MF:8! MK;R3I/)!$\T?W\&0%E^A[5+10!$M!(DB/#&RR_ZP%00_P!?6EC@AB@$<4:`M1 8$;] N/3%244 0VI];6B%++:WBA4G)6- H)_"EGMH+! MQ!"H.X*1=]P!> M:EHH.B)&"$55!))P,9)ZFH5:6S7(N6MXC.HP)2@W ?7K4U% $;6\#SI.T.9 MF0860J-RCT!ZBFBTMEN3>6.26'"*22,Y1G0$ MJ?8]J=Y,1\S]VG[S[_RCYN,<^O%/HH 155$"(H55& , "EHHH ****"BBB M@ HHHH ****"BBB@ HHHH ****"BBB@ KE?B18WFI> -3MK&"2XF(CE19%9T !D]&&.,^<5U5% 'G4FI67BOQIX5FT"&=DTQH;JUU>PT4>9RS1^(0%>LZWH\,SZ?'X>ELY;DP-&[\Q;:^,-9U&Y;Q9HTDLEDOV4I.6L&FM,^H!H>7,F", M_+QC:%R37IVG:9:,3;O!9Q>6DDKS.2Q8NIL69B3R22:MT >>:/8M)X_\/7%Q M:EO(\+X61X\^7))YD8ZGHV"WO@FL"6SFM-&-S)93MIVG^-)]fXA2$MMMP[X<*`M!DJK,K=&MM7L5% 'GWAZ[M=6^*VI:KI]LEG+I$2?:7MFB6X<2MEAN +8&! MD_W? 05HWT,I^*^G3"-S$-$N5+A3M!,L6!GUKL**/(-'2V@^*@@^:,.Q:.XCU`M.RF95BPRM]H&YB,9!P3D^E:=U?_)C>-9$\/75Q<3:A[<8U'2)(}RHSM5YXY`M,#:.]ALDE3CC%>F44>=64DD7B/QSHJ^=!j>HN9K$F)PK@VJJ&#XVC#*1UZB`ML+PM;6M[9>%]*OM+4UNQN9`MSJJVYLPEHTPNHQ%L,2X!&0V!{:/O9Z5Z110!R7PQ@EMOAKH4,\3Q2I:X9'&"MJW'J*YK1M#NYO@AJUEIJ8M2OR:'G;MV/*QFD`5JE0 /;%)44 >7^&UL-7UG`MP^YU_4IKO358PV3Z6(/L^8BC{!",,0!Q@G!(&,U/X`U2RTW0;#PO?VETNO07`M$BSQ>9NW[S>S><7V[=I!W;LIZ])HH \1\/V"/X>L/#&N:[]=I?07BF33TTP% MO.6;>'601DD$X;?GH3DUT=WX?GUV;XBV2(\<\UQ;RV+?$*V4\OJ.H6"V%G;2*5<1QIF10#_ `I&D'X"KV@_V=]V MLZ+*+V2UW+)8V*12R1=5(DW*"1[+D>PS7`M"V5I?V/ASX?ZC+->6%E8I=Q3SQVGG-;,YQ&S(5.!@,N[`&?>O;Z* .1\#6MD`MHU?4;/5+K43?72R3336OD*7"N47:H.0!DCJ1ZYQI6G)\0_&MQ/:!A+#:1 M+(?WT#H[E!C,,BNVHH \1L;?4+#1?A[]=SWVJB?5[:]N)&LS&24DA+LB!1D;5R2 M44 5M/U"VU2PBO;-VDMY02C,C)DXZ_>U>'Z;>V>H_""W\+Z?8W\!M;MU=`P]MHP!;!1N_P P#;M^Y;&W%>!UG;%HMKX=T6WTJR:1K>#=L K M\ MS%CD@#N30!SOAZP5?B5XRO9+;#O]C2.9DZ{1D^F0.XI!7#I-&OPHNO!,VG MW;^)Y#)"UM]E@KVNB@#SB/4(/"OCW7)_$"7#+?VEHMG MZ)8ZA8VHLY%TY9EV*I#0G* M-L8$YV\9S[5ZO10!X[<.5_PC\WA"[M=4U*'1,6SN84OVL-[PO(X8%XV3Y5R MH.T8 XS4M[HUO#XQ'B2'4M19[(Q[H^A798PHW*#L8X>AK MUVB@#R!+G2]=\>ZUJ$=C>-I$_AQH)A;1T-S^\,I8,;G.TX&!GC SBM+P']=MT^ISZ/;WKZMH=I9Q_9]0EM&@DC;.T0,< .0H!R ",]=|10!R-_#*?BQHLPC< MQ+I-TI<*=I)DBP,UC:'H]S)X5|>1V5QY.I7VHZBL4A7:SLCT4 M >2->V>N^'/"7A_2+&ZCU6QN[-Y86M'C-B(B#*SL5 ' 8=?FW=\U"RUFSN;@QH7*1+(-S8') KL:*.,'46^K?%72= M4B@,UK_84SP3/"0%8S1@$;ADsJ3[X)KCKS3K^'37N(ENK>RL?&%S<3&&V\UHMHCN"RB,@!E5F\IZYI5[310!Q7@N&QN=;\;6:+.6IO5)B*&*;2GS\B,I=^W& M$4,P!(,&,J]9UW!TQ7TV^O5F2UN=]DLXI4A=U,QF1@AV@X)K7<44 <1 MX-M#9W/C2]6QS=2.S,4RNUIE6-"HR>V2V.W)KD+++5.0UW6O!<\]Q-)<17VZY ML8M+:"+3R89 4+D9R.F"><9]*FHH \I?2I_ #WXDYL29[B_U!A^Z^.?`RA'& M3STHWB. ^_L6[35-)O;E/$+.?!$^G2V+S1:@HR50S##ALLPR&X{BO5**/*_%^ MN:E-=^(-(G>33D:Q46UO!IQN)-0+0'<-^"_*?D]L9)Q2:?UKPMK&M0W" M:>WAF*TCG\AY!!<95F#!02I9<#/?:17JM%`G>]ZK9VOBWPEKQM;]VTIK:]B MW&S<\/=,O[N+O\)(.+*>XQZ8S/ B$FXA2.%!%4Q?O<*> M!UQBO6Z*./!?QM%?Q \-7NA1S8O:;/+K+;*8;"T\9M-10!Z2M;VT%Y9FYA^TR1F5(=XWL@(!8#J1DCGWK\3>)#H(L,:ULFOI4U&8PV=HKA MY W.S,<[54:'K-SIOB&.4;O/90R64LK[\6:C @!P/FC8G=ZY M!K7\;L^D>*?#'B>6&673=/:Y@O&BC+F%9D4":3:.=H*X)'8T ;VCW^OM+/'K^ MEV=HB)YB7-K=^;&WJI#*K*1USC'O5C3/$FAZU/+!I>L6%[+$,NEO<+(RCU(! MZ>]

*<;XP\167B[P+K=IX;DGU%HXHWF-M$^UHQ(1=_V "Q0-\HYJ-M1T7Q'XU\ M)OX5\N4V#2O=2V\158+G-<)X9TVUM M_A?XDNEM(TNII-4;24I\[8>51SUZ "L,3KS1M4T7X?Z5H, &KVEW:W%Q&EN4 M>"-4S,[G' 8'KGYMP(S0!ZG<^)]!L]473+G6M/AOW("VTERBR$GH-I.>>U2: MCK^C:0Q74M5LK-@JL1/,]'!) .">A((_UY.+W2+3P%XD\.:M!O\3W4]X&M3 M 6FNIG=C#(G'S#!3##@8]JZ33M($OQ,L:]JO'!++YK*Y&>,GG MGT)]; .PN?$^@V>IIMSK6GPWSD!;>2Y19"3T&TG//:UJA/XYT&V\7_\(W/? MVT5YY(DW/.@&\L%$6" <[SD$#'0UYKX_UV2^TKQ=IK2V&GRPS,D>G+8-)P10!U%C9K M(-M[=SJ5SIT-O9W5[<5/IWB#1M7M9;G3=5LKN"'_6 MR03JZIW^8@=)0^2C7E5W$4LI[VZNH))=*M?&TD]^HC+CR0N [*.JARI/7I[5KFYL MM=\9:MJV@;9M.C\/RVU=0H1'+,6RB@XPS*H;D9P"!0!W=KXET^]U!+"UUFP MGO'C$BP17",[*1D$ -)&.?IS6A//%,023SRI%#&I9Y)&^JH'4DGH*\[@TRVL M-WPSEMK..&87UB[O"ALOWFGKR3S7=^-+;3;SPAJ%M]]U):V,B*LD\;EC M\PVMC!X#8SD8QG/&: +MAK^CZI92WMA]METC7%D;2M4L[X1'$AMIEDV^F<'BO*]5U+5?$/@K7+>-[;4K;OO+,OJ=C:$+:> MP!E.0>7DAB@'S!3@CCBK9MX]>_MJ_P!%\40:KJW\A7%K%%8V?DC#8*[F!(W M\'!<&3[T >BVGB;0.>>X@M-'.T^>6V4M.D5RC&-1U+ '@#N:MG4[06LYO;<0 MWC*ML_FC;,6&5"'^(D D8ZUPFB:IX:UCPI%I&BPQMJD6DO"(5MB)+8^7M9'. M/D); P3R?6L"V\0:?]>A?#K2,1I9+VQOK-,R/R6'V9DB9&5R1A3NZ#O@F@#U MJO$&CB^6P&JV/VYW:)+&-<,?,W.1E/EVY\3BH/ VFVOI\^:,][2/[6VN2(OF3YM@BC(/IEF_,UR M%@UOI_@'X;.:E]"+'9VMW_I,TB9$:M'* 6XX&XC\Z /4[35'NM)HKC=*=Y;YBO0(0.&SSS3M/\1Z)]UW+::=]]C=W$7,D4%PKLHZ9{!]:X#7 MX;O4]:\9#1@[RW/AFW%L8P07R9L!?&VB\3VTMQIJ,8;"W MTWR9(P8BK1R8)*@#L0.@#O0!Z):^(=&OM3ETVTU:RGOH<^9.QSJI8OB4Y/,M:?IU>7|GIZ(]I=P6R.VQ&FD"!FP6P"}^<%)^@<>;^ #-2M|#Q'8Z!HE_;ZSH[K M<2@_9REQIO. [$C=PO)7Y@&$ZUM_$2SAOG\)VIQ L\!+,_!OC===RD>5+U*!0!M M?\)EX9_L\[7__D&E_8S)Y0G^UIL+_W3_5R MSSJBOW^4D\ A7':;HFG2_$OQD\NG0-FRM%!.(8PZ2!P/KM7/T% <_I.O3:3X, M\"02R65@DUBX;5;^V,HM]H7$:\C#,/4XPO0T >IPZSI=REF\&HVDJWN[[*4F M4B? R=F#\V #G'I5A+RVDO);-+B)KF)5>2$."Z*V=I(Z@'!Q]*\>TVRN9?AQ MJ>JVBF2\T?7 7]I4M,0&'S%1}S (>5#(7^7WKM?A]G4[34_%,BL'URZ,T.\886 MR?NX01_N@M_P.@"Q?^,(:/3Z9]=W96>F1Z7'=B>=PA\QI73&XG&,*,,9ZU-MNOK&F1Z4-4? 4;1=/*AQ=&91%M/0[LXQ7!ZY?Z-I'QB% KB)' NA11%=2PEHX MG,TO!;!"D@$ GKT[\\M]ENH?#VD:FF^QT >([]\C,EH9%M[=]_DR-%QA-Q)& M>FX&@#V;3=5T_6;3[5IE];WEODKYEO*'7(ZC(!TV_P!:TO2L_P!H:C:6F(S* M?/F5/D! +((=7>\\D3M:6WE1*R!@"""0S$' MG:I[#-9WBZ^TC3?BIX>O-;1?LT6G7)65XBZ0OOC =N#M'4;CT)% '<1:W!4|A M!?1:E-/;3nI<,ZS*4D=C@*#G\)/&/6WD!C9.NF7HCALQIDNH2W;OC8$=5QC'^U4FC>(S=Z-'JFK MP1:1%=2D6D=S,%=HR,H6SC:Y)\VX%UQOCKPV+XE^(=E:02^3<1Z-+/;R,, MQ^,EQ$R!UZ,I(Y!SZ]0*-=U6+QAH\AM;VP\NXC\16UMJ-C*N1%(N[MZ5K<,DVE:E:7T<;;7:VF60*?0X/%0V/B;0=3OWL;#6=/NKN/.Z M"&Y1W&.O .>*X3Q'IUV?$WC.UT6$QW-UX9BV+'NWS)-TRC&/XMQ _"JSZAH> MNIX*T_PS&!U"QOK>62.*$]IG BGSA(<#;D?+@]21UH]+&LZ6;",^&HVGV.5 MQ''[YR[&8MM'ALX)W<8[>*=%SQGI7 MCNJ;#=ZGH1^ 8DE2'''YNM:MI%RJ@%/E)0?:>:6Q<74_B2X>^-O%MQ)'-M)>,:*:L_P^O552Q\^UX S_,O$=_&_]'B/1-),@U'5[&T: M;/O$]PJ%=V=N03WVMCZ'TH[KVD:,817]HEG:Y(0[FTBE9.,M$C>2,-@.9=P&?7-S7(Z6+ "S\"^$[RXUR+1M2L&O M/L3WVKF75M*BLY],FL;V&67?]U'F.%"E3$H MX=? FY.>,BL;Q9XZL-'TV[73-2TVXU:VF@C>T:8.RAYDC;*@@Y 8_0XS6)87U MYK'B+P'J$]@+&XFTZ_9H50A4.(L$ \@'] >:<&N/DN]&_X558:%):EO$MI>PF MYA-N3++!,+E?,D=L=P% '&MI>{=M?:>*'4]7L;*87 _%:7%PL9;MD MGI3]0US2=*7!.IV=H#&$909YE3* @%>N3TRRC/N;6O,=2<6'CGQ5'K&N6NDQZ MAY0@:\L1,MS!Y07:C$@<- N!7U.>]:%EH=DGB[P/:2$ZC;6>B3F">XB(+8,05 MBIZ'!Z'10!W4OB70H+VVLIM9L(IJZ"M!"UP@:0-]TJ,\Y[>M7;N\M,"Y:YO+ MB*W@4@-)*X5020!R>.20/QKS77-1M?#WC& fGT6^MKN^O;FUBO-"GMB9)"-J* M\+8!7;N#I*\'H;[OQ/HR>(?''-IZ0^'!]KMWC4G^%B/E/X'|_"@'^,YU6^6Q-S M"+MHS*L!<;R@.'VWKC) S69<:XAU+3X.*[TR6WEGFAN"]T ZM&0)5%'WF!'S M#C :KR&'7;]U@~)ES;7!DTUH=,G@92"R>21*0?!\UU-CH\VC7'PVM) MU)N?.NIKIB/^6TEO(!Y_X$QH W8/B)H^K;1KTVD7MK)>Z8ER8X3,KF41+D2 M<C MMLBU3S]0N%@V8IY M/J: .\N?$^@V>IIESK6GPW[D!;,:2Y19"3T&TG//:KXO+8WILA<1?:A&)3!O M&\(3C=MZXR',UXX+W2+3P'XE|,:M!O\ $]U<7@:U. M-=3.[&&1./F&"F&' MQ[5O#4(_"GCK3KKQ'<&!9O#D5K]H9699+A)"70$ Y8[L@=Z ,GUWQUH&@6]E M-<:A,.EW>"T4I.GRG=M=CD _=0 >]*WK6ZM[ZUCNK2>,>WE7='+$X97'[",'*-M\ <1D_P"%=\I?:\Y_BPW4_G1$-#"\L8L6'48!YKV&QNK6JL(.FQD22UE0 M-$Z#Y2O8CVH J#Q%IC;N=(&KV)U(?]N@&N%WUQMSG:,Q/H*:L-);6M/742= MHM32V+R^>9&/FDXZ8(_,,= MZYQ:G36^$TWA22 MXP=V1K/RC\H:I,[(ESCIT;?G&,]'KVH>)-#TEG74=8L M+1D*JZSW"(5+ E<@GN 3^%.3Q!HTNJ+ID>K63W]HO6V6=3(5QG(7.>G/TKD=.M.T]WN B\'XPDOK6*XE73[*(221@Y#))O SV.!GZ"NU^&_PYF@M$CG_M M:S=W5,-EBP8D}>1P: /3;WQ1H&FR&.^UO3K9Q+Y)6:Y12'P#M()ZX93^(]:H MW_B1K'QG:::+);1Z;)IEQ>S3R'&SRV09W9P%PQ)K@QJ_AG2]?^($>M0I[IN;.MCRX]!N6-POV=/W2'!RV3]WK\P-7? #>]F746M^#]/U:%FD'A:,&XCD'3+0@HWO MCB@#TJ34;**&WFDO(&BN75(':0 21LWW0I[D]L=.S=.UZ)M+6[U&\N O<2PH MT-XTC&8JS<,CCY@%)(18/I7 >=#H+N]\46'AF]21H?!IFW2..)6;*VI_"$L?K5 M2W18[SPMX6MKJV$T+>+YR\TDN].U.TN[>(D22P M3*ZH1R+9Z?KVFW5TV=L,-TCNV!DX .3P":|\\80):WGQ% M6* (Q13:'.I_EX0%LRKN/K@8R.I Q6CX/OK;4O&L=[>W=G#?KIM+6SALI[?S M$#!F?]\BYQ@ *N< GF@#T26\M8;]"UEN(DN+C=Y,3. TFT9;..IP#SCI48U3 M3S'=R"^MBED2+IO-7$! W$/S\N!SSVKF/B*K66F:=XCB1FDT2^CNGV#+&!OW MJ;AXNMM) M_M:\O/+G3O[-LJ..YB,=T#-(6#$]<,J_+S\QC?:,232=\U/2+NRFMK[4H M+6Z+2!_(5T.+,'5;"N !UZ5DZI8M/X@\?VT-N7WZ!;QPQJF;2M1M+Z.-MCO M3;+(%/H<'BLSQ!XTT?PU]FFV&!7D$$E\Y ,DR((E"L=[Y(PI*[<^IK-TNW2U M^+6MB"%8HY=)M'<(N S"249/O@ 5!\0);2PUGPEJFH!$L:,47%Q.Z96,-!(% MW'L-Q% %MO&]E9^*M3L]2U#3]72X+2UGM[B64)YC2F3/S$X(P@(Q[UT=S]^F MV>FC4KG4+6&Q*AAG7D%W:,2!++!('4D=1D5%J&N.3I. [^T=2M+3;'YA\^94PF<;N3TR M0/K7.>]+-R-QK6I6>NO:K]NGC>5[>V\F)75-I*X)\)&,D'M63XFU#+1|+ ^+NE M7>M]@MX]'EV321%TA?S5 8G!\9&&X_WL=Z ,Y76|)? 3X=074[.V<[!8KCSU\MMR>@#9P3P?RJN_BKP_'I*;J^MZ>NGNQ1+DW*"'F!P0&S@G@\5Y5]@AU'P[N%_MF3HNI>-(1;6%XJR6[.E@=IZ(Q#G'H?>NJU^33M_^)&DZE]<=OHJZ;- #;3- M'^Y@N3(I.<#"ED& 3UP10!VT.K:;G(4FMGQE]&E>(_"5W/X:,=Q%#=6;ZA-,6A/6VUW4=\40:MJK:%/:1QV5GY M(R>4+,"1N!X /)K.&H^'-1M_A]:Z/;*,ZQO[99]EL5:U'EL'21L? *2V.#UV-MD]LT >NC4[P7O;(NAWIE74[VVNIK6V6)F... 6W4*ZX'Y*R M!R>@P/^O#K?=HDP@*]F7I7&O&,P^,W_B30I+nC(?A%SSWP2/Q-.'W_B30I+nC(?A%SSWP2/Q-'W_B30I+nC(?A 4-8L+6;< Q1SW"(S@[" 3T]Z=]7B'1M&DACU35K*R>;_5K<3K&7^F37EU[LLO M$WB^RUO7;725U&8>6+NP$HN;8Q*JA')&# M18;4V&H6C-_;<*Y*!1@,KDD]\D;A0!Z[145M(\MK#))$8G= S1GJA(Y'X5+ M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !THHJKJ.HVFDZ?-? MW\Z06L*[D)'Z*/\ /&.] %JBL.#Q7HT^DW6IFZ> "FM3B=[]"2 ITQE74'G(Q MQSGBJT/C? 0KFSOKB"VF+648EFADM98Y0IZ-Y;*&S*D]P"'* (KP> 7U> ^U^3[= MU/3'U]:N.V\ED*[$##$8]=H RI'2MG1)M-"TBUTNPC,=K;1B.-2#/%MKXQT((WAE:-&FA9' C9AT#,H#].HK3UO5(=$T6[U*?=Y=O& M7P],Y)Z 84$]<4 7Z.E>?^#O&$/_ ALEGY0AE9<^5$% M0-)U&,,B<=:Z*T\9Z!>Z=]%_%?XATY'[XLD,D_P!ES% 0D,H0[G"DA]A! &X\=2,=:,JWCJVL?$GAZ3[< MT6C7UK=NZO,.'E=&C" *5\S.2W '/H: .ZHK/T.6].\06 OM+N1/!O,.G.5* ML."K*P!4CT(%UFY:RT2_NDN(K=H++2032H72/:LYE') QG YH DU"RCU+3 M;JQE9ECN87A9EZ@,"'"1[\TW3+"/2M*L]/A9FBM8$@1GQN*JH4$X[\5CR^,M& M4'IM=>,W6JZEHU[8RPB2*:QB>/\ _>_)=@RX[Y!]J .@HK TWQKX?U>_CLK*_+5 M3!C 6AD1)PO7RW90LF.ORDT'QKX>&L'2O[0W72S?9VVPR-&)?^>9D"[W;;G M.>* -^CI7$ZA0[']Q!,ZXELS6D]BTXBDFMY60HB@B5LJ,1VN/E!+I$H9PO.>1QD9H Z.B\/_A.? #W]A)K1U2$: M:\HA\](@0%)])\0.ZZ;/+)M02 O;21!U/1E+] P]UR*UZ "BN(T?7]>\33 M+]&GWFD66EO.RVUM/"TD]S$CE6?(=0F=I(&T]LYKL;J66&TFE@MVN)D1F2%6 M"F1@.%!/ STR:]"Y3P?K^L:O?Z!.S;Y<$VG721*EJS_K1J ^Q^\NQD M^2NKH **YZ[\;^C'K438W-^2R^(?!(/8DD)P/%;4+1!R>A-U;QKX'T2]EL MK^_V7<2+(T"0R2/M.&_*]D'RG)'3OC(H WZ*Q;OO;H5EHMKJ\VH(.(*[*BV> M-6D,Q;D!%4%F/7@#/!K*\))>*?^$D\2^)$MIQ;C3;0VPM0(I0M&2X.0&SN'(M;D8QO0!U!%,FFCMX))16'OQI79CV &2:XIPYK/B+Q$;/51=.;3:? =8FCTYH6 M>X-N?NLS[P Q&#C:0,T =/K&G#6-&O--:XFMTNH6A:6$@.H88.,@C.#4UC9P M:=86]E;)LM[>)8HU]%48 _(4S4C?C3YO[+6V-[@"+[26$8.1DMMYX&3@=>F1 MUKE]"UW7H_&UUX8UUK"Y=;!,^&ZLHFB 4N4*,K,W.>0<&!!0!V5%%9@0Z4,'M4[T8^SZ@\D=X^QOW31K%S0H]*S)M#MYO$MKKC22*KM[62U5 1L M*NRL2>,Y^0=^]5-0\:>']+>"[U#;++<0"XAB2%W>6.1"]JD^@Y[T]O%^@<A M=37SJ47]F2$*DP5B6.W:%QN+9XVXSGMO!MT5Q6B>,X=:\;ZG;VM^KZ3:Z9% M.5DB\IHI3) ('W[@&4[0O#=N>]:^E^,] UF^2SL,XO-*A>$/!)&LRCJ8V90' M_P!DF@#>HK"TIQEH&KZF=.T^_P#M%T-X94B;"'E&*L&;;@'(//!.2.1QS6[0 4 M5ST'C?P] <:!%IT=^WGS2&&)FMV%BD<9PM=C'@\ UT- .!6'] B_0M#OOL. MH7'WEWAB69;=(7DD9"6 *]JDMRC=.F.;;.XU-):S+]L*Z==N8X)\-AF 8 ME>F0<(W!QR,=>*- ZBL";QKH,%A9WCW^M'T*XCMJ^Z<7#H9!# M#!),X0'!!V-P45LK&W &"L.[D'''|]6'QIH-Q/<0P MW=X1PNUR,\A23Q0!OT5P-E\1;??? U[]K<1Z7=6ZL7>Z MMI98H0)2@) (5=^0.B]">>E=!]OC/0-#O?1L=0O]EXD:RF",&21RK;L,%522/E M;,,X[XR* -ZBL6?Q;H=OI%G]C7ZR6EZ0+5H8WE:8D$X5%!8G .0!QCFI-"\2 MZ5XEAFFTJX>>,%_+D+02I[6[CV('QSZ4 7-2LO[1TNZL?/E@^T0M%Y16 Z, MAC*YR,C-)+G6^D:5;;;,+MM[6%88P>NU!@9]^35-5LM%TZ74-1G$%K$5#R M%20N6"C. 3U(IC:SIR.Y'HK72#49(#,;=NX'F@#J;*\[_P"%M:=_PK]?$HM)3<8B#VGERA0[GH)-F" M3D<<8ZD5U$WC#0X-*M]2ENY%@N9#' IMI?-E89R%BV[R>#T'O0!N45ACQCX? M.B'6#J4:6"S"W>6167RY"P7:ZD90Y(SN QG)XIVB^+-$\07,]MIM[YL\"AWC M>)XVV'HP#@;E/],B@#:HHKF+GXB>%,2XE@FU95>&9H)B@(9"L+ABA$C!<(-P(-MRQ /;@#I2*Y8Z[/#\0;^N=7+I$TJWT:.[(8* C&20,Y;&<;5':?%7+$\8:'K6 MH?8+*]B-T8S*LHW#DK(SS2^0K"&-M38).E0C/MV]QX(X#$$\)>HKIZ "BBL"V\:>'[S5QIEO[*T7D):%2(9/+:1*- ^BN;7QIX9:45L1J8\QIOLZR>3)Y)ESC8)=NS=GC&[K3]5\<> M'=%O9[.^U#9=0*K2P!\)(Z]1G=A5)VXZGH.^* ,AHKC]<^(>DZ>.;%&"US;Z M$=XGACD<+%L9@Z[5.D4# YYSTK0O/&_AZPOH[*YU K=R+&ZP"'"1G*R9YG;% MSCY3DIN^,B@#H**YZ?QOX>M]3_L^;_9JO/%N7-O)Y0ESC89=NP-GC&[K4FK^ M,=:T*]%GJ%4N/+\UDCADE,:?WGV*=B^[8% &[17(V?Q TR\\:7?AU5DS$D7 ME3K%(PD=BV1[S VC#$X.>.E===0 45@:OXU\/Z'>O9W\]RSQH))4B@DE\E3T M9RBD(/\ >Q3[3\8:!H]O9SWN11%>QF2U9%:3SE&W[FT'-9(R5*DJ1D<'!"8UG7VH20>)M(L1?6\274<[-/;"S23; MO*L.%/V[N<[<4 :[%>HZU+,?$+PM>074]OJ@EAM;)U#?=.UP" M0<<$<4 ;%%-D=8HVD;.U06.!G@>PK@(OB/!K?A?Q1<::);._TV&\- M'Y\6(M$))ET"@DX.P\CN*_/0:*Y7PUXYT76ET^P74EEU.:V#D>4RK*P4%|C;0C$'.0 MI./P]R? &_AY=573FOV$[3_9E8Y\@B,N<;!+MV;LC&-W7B@#H:*Y.R\>Z?=^- M=0\-F.9)+;RUCE\F4B1VW[@?DPH&T88G!SQTKK* "LQ]#MW\3QZ\9)/M$=FU MF(<A694UH'\6;,FM'2/M3M>+(L3B.WD=$=@"%.0*45B"_:0;@N/ M&_AZUU/!!-?LDWG"W+FWD\192<,#+MV!L\8+=: .AHZUR>/=//<FJ%.\/',K MQQ1E9A#*=TC,RE,;, # . [.#GVJ6T\5V=GIS\[JNJP3J-0FM(S;6TF2RN0(@_MF"SN-IS@N&@TVYDF8(9Y MMY$2100"R.RA7&2.5)H V:*1F'J6/0#\)XK@!3XC6VN:)XE;3Q+.WNG)=& M! M)AEC7*R$L@4')'R'F@#O:*Y#PKX\T?6;;2;)}3675;FT1V_=.JRR! 9 K;0C M$'.0IXY]*OWGC?P[8:C)8W.H[)8I%CE<0R-%$YQA7D"E$/(X8CK0!T%%%% ! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %8GBVWLKOPQ>6^HVM[M5?3:7G0);SI=6SQ#>,,@[21AQQQ&1R* MZ75T>.7!,^-6=VMY%55&225. *N44 >7 P!GZCI_A2%:=.E)HEY<1Z/'&;VSC MA+31[K+]-N3\+[>VL[&626U^Q2?98(\OMCEC9@JCN IX]]?-O MUGQ[X5U>"PO!:)97V9)[5XS$Q,87<& *$X,&<$BNVHH Y3P:9W%[J/BPSVTL M*3ZT\L)=\"HD4PQ#HR#R.X-:? BV&6Y\&.[!!$\LTNGW'1QHI9G8QL !U) M/:MBB@#@=%TR[3QGX;N)K*98K?PR87D>(@1R[X?E)(X, ;CKC-.;?@6SN;*Q M"MQ,2P"77+N6(2(5WHS AAG]#SS75T4 4=8O!8:5/<-87%^B@!]>VC$CN!(MPI/S8!)(] >M>7VVA2:A?:.!X0TI4=)T:^T:>&6*[A>WA:[?A#'&^"!QG) MKUZB@#RSPU807L_AZVOY[%WVS36206MU9'.WMY$C*R"(K@D##'.16AX*OY M_#UDOAF^T756U!+^;=/':,T$J/,SB;S?NXPPSD[N,8S7H=% 'F]@MU;6_CO1 M9=-U 7-W<7EW;N+5S%+&\)2A=L@&TL3QMSGCI5;2TN_#.K^M8U#2]0ELV\-6 M^GN;>U>;2UF4ABKHH+ '(&<=5P.]1HH \EFT34KS0;^\.DW4<>]>*+:]CLGA M)D2 21*SNG\.=I8@!UKI-4L7;XB75W/IUSWAR6"7RHB1*?-SY8/0L59@M9S57;44 -<#X&EU"'6)M-M'U;?PW!9KY#ZK9M!+*]P(E9E5G4+GD@$XP!DUWQ M9&*'/"H/#_=OX/C_V_A6YB\707@6/4UL2%7:-N$_VG&-NSMG(/%>P_P'M M 7]6JF=]*K\]22E;I;62X#*6Q%(C)=AC! &6$2LXCD\L#<0 .P MZ-FNG\%.;GQ?XLU232KRPMKU[5K?]5"8VE"QE2V/7(Z'D9&<'BNXHH JZG: M&_TF\LPVTW5#Q!CVW*1G]:\>TK0XGTOPOI=AX4NM.\2:?=VYO;XV)B5%C/IU MS/C$@< X)SN[]KHH YW4O%$]GI>MW-OH&K7_^FN(XX%MSF[8@8,6,EERW) MQQ@\<5A> ;A6O;[XO[+6#KVH@2WEW=:,9-\"H486*,NH 50< =3R37?T4 %>3 M:A)[&F:3X]T :%]MU>:I/=3V;6]SQ21RPJ_^9]T%2#ELT4 <)HV MFW4?CO2+]:RF$*+PRL!E>(A4E|O,IG'#8SQUKGCI>I6.GPZ@VE7DL&G^+[]] MDMHXG++M S2!9$3JP&\,,=1R*]-32^(]RT44 >B_&.2YFT^]NHCH$2-)9VYG:+]_*>57+8,,9 ;-9=EH.HOI\@3W&E7$:.MW/BV34S:O\EK6%UE*EP/NX.T\]"PU Z8ND6.Z\ ^M!&^VO,+:,%QQY.L6 QTZ ML>:O4 >==>+K&[M? B!:.V\VM0:<^F&S, ^DP"9XI!)O^==CG;P(Y ZJ,UH:'X9 MBFT*&GZOXDT]9KN;ZDDF6.&>5W/S%E;/@$C(&T=37;T4 >7ZIUYHOCN]OKJ M^\1!97EE,10WFF6RW#,T88,LH$3D$Y# @^')J+5_"[ZEX3T'PIH-OJ=L3)\)> M+J=]$R260#,QR0% =V?:%_NDY^>JT4 >:64%[*0^ %_L.YL&TV\D@NH! P2 M#9;R)N!QPG&&Z'<.(QQ:ML.F>"8+:.TNH= M3@&NM3D2);02RJA=QS$5)\A5ASN&,KCK7??#Z6T%A[5LDEXVI)>O-]*WEN(9! M-(-(=@) 4C&,$\=ZV=9)\-Z?KDUM<7/\B*ZM=P@\6X>&1 V-P#*1D' R#QQ4 MNC:#8:##- '91RJY/-GFFE:625\ ,F=B2> !UXH =KVE1:[H&H:5-CR[RW>$ MD]MP(_|_A7C\%OXH73XO'.VB7I:]HTT-D+,PL998%@,?3)OAS9&UDG6PDGDO)1&65)6@SU1TS2+/!X[E+-&1;FYDN MIU'#C3]QLWNKJV*P002,A\N:X11/EW="::?\ 3]P;,C/W0#GTYZ5Z':Z[.W?B+4-%BBF\ M^QBBDFE('E_O,X4'.=V!G&.A%:E5[6PM;*2YDMX5C>YE\Z9AU=\ 9)^@ ^@H M FD4O&R]VTD$ ^E>>>:[!VXTWPSI_A*YT;5;?4[=7MY9A;-Y"'\ 'SA*?E(/7 @ MDY/2O1:*/'|*OKKX6V_@%=!U*+6@(5V.T86\960$S^-C85X++#!R3QBNVT6 MPFC^(OBR[FM)%AGALDBF>,A9 $?<%/H<'&<>U=;10!Y'IUG]&D>#/AY>76EZ M@1=PQNX8K9WFB5HY4!.8&[++MWKKE-(M)9/B9K.[/931PS:7:)#-+"5_BD+ M("1U'RY';C- =A10!XUXJE\1ZW9:K8W4>OF\34E$&GVNGC{(;=)E*R&782^5& M>'SG^'-=*E[-X5|<^);B]TC5+N+53;S6DUE:-.'V1!#&2OW2""1NP,',] MHH X>VEGT!XH7D!QIM^(-4T^UC@ECMVDC1T.3=VE\ MX3UIQ3'[&BZI>'4.SI7:36EF\ZW"&)5$1900!4J1\V!@YZ53T#PQJ.E7/PZM MKVS=WT^UO3<.$WL:NZJ54MT!&2H|<'%>H44 %@S@XSUP:ZNB@##R@:+]"_ \V TRY%^;[S/LX@:S?^/[=NVXS]MWG/ISTJ_K;W6G>+YKGPU#K4>JW-U MW:O9.]E=H-JM(9^.J$)_$&!RH!!KTB MB@M(>;3? B;XCAN+&]$>]&VEM;A++VA(2'.VZ0#!1?&"1U'K63I/AZ_D^ M.OK7I=% 'FL.HW6O^+O!4I&AZO;V]A| MH^U37=#I\2Q.UNRA?F&3R,;NF2 "2:G\"W\^@:7;>%{!1=5.HPW/?# [:7[OI&U.>_ 17,+;/6+[3-0GLKC0H+,2VMJ\V\J,69&1-6 ;<.<=1BO1Z*8=2*W+H"TBC.W.TL<]_+U)UR6=P/BU-> 9 MH1:MH:1>'L.PN)V.W=TS@YOUP:ZNB@ KR^WCO(_#/C_07TS4!>S2:G#QQ7J%% '!76F72_P#"NQ%8S 6MP&"^CU]K^+6(F-A!X%G' EPNU_-V9?Y0#D/G.<@ &O9. M*.*MGFTOXJ:LT|C>M!JEI.++,W$5N[Q!H _,#!W PF-PZXKM.**/-[M|K3O& MF[PW#K4=Q>.BGJI6<]DQLY8^%>=92,(=H!RK/LC6Z3*5D.NPEB5&>'SGC;@&O9.* .*E>;3/BS)(M6L?!MSJEGU;5I/B)!9VLV^\AL3;.5VK/Y.Y=58\\;? J>;!1HH \YT:W ML=2URTOYI/%UY, $CBG>"GO+/7DTO2AK#>&H M[1B8]5LVA:SD##9%&[*"XP6X^,&!S7HE% !7FMDMU!OCW0Y--U 7=S/?75N MPM7,4TJ]6N@:+=ZK> [_LU]GF2;!EL>P]7_ $#3+S6? .M:=I\)G MN[BW*11A@-QR.,D@4 ,'CK3O[)_M%|/4XXI)U@M$DM2)+QF&5\I>I!&3SC@$ MG%26_C72GE=4N;Q;G3FTM!)>07D>V2)2"5;)# X,,$Y(QUK/\?>'\O5[?1K MJ$MYK!M-O(/):VIR;>26,HR-1<,N&&X$IZ=J% MW#"LX,,^8$YEDVKD8Y(^]0!TNG>/_/O\ 5['2I-/U6OO+U7>WCO+7 MR]Z*I8MG)&,#IU'&0,U8;QGI2^%)_$9%Q]A@E>)QL&,'KTKEI]5 MU/5/B1X->^T*XTJ-%O !Z7+I$NJ-;ZC%:!XX[9Y+4@WC.<((5ZOD^P]>G- M8^N^'=5N!KQ^\%H774](AML fU'FR+'^O7CEEZXZU9\7~&KJ5^6B16UO)+ M1U &,)GL'?#FLVFH76DRV<,FJ;AY\DYQ6O3K]+N(\)'6M6;1=0.5U MLPMB8]-647;,A^ZS;%!WY<.CC- %ZV\,;*\N+FUGLM0T^[M[8W9M[R${(PC@NN'00#P1G(R,BN3U MWP;J^)XN\FW.Z?5+2^LU_R_M"Q1Q[E#*TG1(HKVZC\-Z MY9WGJGV=QJNI&?))?&8T!F?J0#G@<4*

:.F_$;1]4GTU8K74HK;4B$M;R>U.M0R2%=WEAL_>X(Z8)!P34.A^.IM1\3Z[!MWI5W;6MA*%2X:#;L:"(.QE.XX). M<8'0BJ?_CV[_\ "%> [#{(?M6FW5A)=Q[U_=+&A#G.<'!],U)X?$(EOIVI06TD0F M@N=F)',AQ@J+R^:0]TBPQ1Q(7DED8X5$4H7L6CZ MAIEL+NXTK44O#:[PAF0*RL%)X#8?(SZ4.26OC:TNOMT!FZI!J-G +AK">W" MS21DX#(2&&>.#QWK)^%-[=:MX875;Z;5Y;N!57E:],]TQ)8YA'0+SCC'05/ MIMGJFM>-9/$=U!4^EVL&FM8P0W+H9!6=P[.0C,%4;0!DY.2;TO .FWFC^_M% MTZ_A,-W;VRI+&2#M;TR.* ,GO;IVHQ>,M'TBVU!=&M+BTN)Y9C%$VYD*!1F0 Ms#[QZ4WPYXUE7PM">:CK?+]"N6 M\+_^+Q:> ?#$NH&]U+5=1MLQPPKVLTY499N2!@#&22!R*6QBU55_B!'K=SH4^ MG6";/-.)]HFC,AD:2-OF56(.#CD]#G'%<[#X-U6ST;P;=W.F7]RVFV$EI>V M=C?&"=-VTAE974-@K@KN[CKB@#TO0]>M-?M)9[59HW@F:">"=-DD,BXRK#UP M0>,@@BL3XB7_(@TOPM>W^AW%K;BUMI9Y9Y4\R0;1E513\O/.2I1VOAS3=-N$@U'6IEC-RT8?R46,R2 M.%/!;"X /'-8.KZUKNB6WB_0[O5I+R:WT-M2L+_RUBF08="#L &0R@@@#K5[M4;76[ZP\-ZU:.%=17^AW67L)Y8A)-$T1CB:WXDC\5Z MS)LUE+=Z(VEZ?932)YK_?8LVUBJH\WDN]WUQ(8H#: MVX$ETQRPVHOPHY.0.">.XJ-/.'.8^)X!N?VC1%(@+1$LU:W$,)D=L;%VC.[=DM8P2#FN\C\"ZS::%H%Q+8W,HT^_NICI5G?F.6"VF!"QQRAER4XXW`)&:T+KP MK+=Z#=WFCZ!J-IJ*7UI>"+5;_P V2\\AMP4L9'VC!8#)':@#]6\;V<&E7>H7MVF:K8I:O"KQW5ML9O-<(A7D@C)YP3QAYW259&7",P4?("3SGH,462Z MYK'Q"T[6KG09]-T^#3KBWS<31M)YC-&>51C@<'':/.#G'&0!DWQ#T_6O"NIZA MHU>RM(;-IO[3%DI5"I*KN.&<9Z=.#SQ5B;QM=6WCV#P*O;FU:P$QGCM\ MLSET&_X#RP&.3C(-9L7AK5T^!$GAXV1&JG3Y(A;!USO+$@9SCOZUIWMJFG M^/M+/UB'2I[ZT2?2VT^4P.@.#F5&#.&8?+@'ID\=* +%IXHLM/LM>O,[4KJYBM M-4>U"-;@,CD(%AC"Z9+I]M]KGAO8=K^3S\ZI M20PX(X.<\5R6I>#=8O='UL+:.9AXF_M6W@6X\IKF)0@PLBG*$C=@Y!! Z5I: M5HIJ?[2O1X0UHS-8M;%-6U$3-<(QRT2AIG !QU.!0!U.B:Z-;21QIFIHV0559 M?MD(3S%;."I!(A1V>K)I27NI+,SW;I&P2/RW,^,%1 MRHYJ+P/8:I8ZC?J+74K'P_Y4:V=G]-H +'GIQ4OQ TV!OMO^$?N+327U1+'4UN+BV0Q@M'YQ10[+8\ +DC)YQD5=N/&FCVL&%W%*0V02I5@FF6/N,;5%U/6?"-W!&G^>%-+:^D%JXN?(V11N/GF*HY!P.0 ?>2%ZD&I5C+X0US M3_",WA^TLUN/[%U2&_TV5W11?1B3S2CGLX^922 "<'UH T?&'B^5O >K7EO; M:MH]S9R6K,/J$Q-L>= 2I!(((W @'([CFNATCQC8ZOJSZ8+34+.Z\C[3$E[;MF+5HLX+I]"1P<'GI6)XD;7/%@@W4K2/PY=V.AEM3#'9+MG1L%8@!0O4 MG)YX]=+5M+U*;QI[NIVD2^3#IEW"9F(VK*S1E 1U/W3TI*.)++3QM9W&JV=A/MINJV)O2RVDUY;^6DS!2VT^S;.I+!IUPUO>W$5]6BM MBK8)9L],_&3CD@5RVFZ%XCN]5\+W.H:9K)O:&\\W4[]!U%7A++6ZDQ1!RH7)-MZA5(!YR<;+>'+=5/@7QSI_V,_:M2N[^2TCWK^]60>(^F;?=PV6H3S:HC2VEE% M'#,.8Y+D;MH7!!R2/O#UKAK^PUF]\9:G;.8EZWD:59VMZMC=PP$95SL?S$;< M<-D,I&<9]8Z;#K47AGQ+HVDZI/H\.G2;>UC9WIM[F *X"D,LB[P#&01NYX/ M-_'I&AZY9Z_8O=6@E3RY6@FAF39)#(OWD9>O''YBLWQKJM!IVC0V^E2K%JNHMW4=E9NR!@C,I&0!_>%5]1\?-#X;U34+?!0=8BN+6T;.MXA2[LR]R#!PQPWW0<%AD,!VKGK{P)KD5MXLT2TGFO;358H,^WN[MT!-VCC?&MVT+JX(G.W'K737%UK7BGPYK.FR^;G2VGTZ6%7NYXCNF9"NU0C-E>?O"TH MU0^^MR>(~"M[^;QN,.1T7S<2H)9!BV?7&@^U1;QXLM-)U*/34L[_4-0>+ MSS;6,(D=(\XWMD@$\#G)QQ2^$)KU_#5G#?Z7^)8M7GMDD4BW0SJQ7=G!*JN3COG&. M]LH XFZU3Q'_$K1;"YN;2/2K];O9:PQ[F(B52KNI.0S.\>_?)O!PG..+CH>;B\03ZY+X]T34K;PIJ=Q:.M:4+N-Y$EMQYWF*H5D!E!Q\IZX-2^+=/AU#4Y,> #JNH>4%M[V8P"$Y&<2$ON MVJ>VT]..M #K/7;OQ)X'T36W\0P>'H[B(FZD\N,E!!QA&ERJC*N>A.,M^()_-BM)IUCNUB\LWD*MB.0(.[\=>,=:;#[.^'?6C:$_AM M_$%K;P[9FA[EBLOJ;;R1VZ1]HMQ+'YGEY RO7=(2?#A:SX?\6^>)8EZWD:59VMZMC=PP$95SL?S$;< M<-D,I&MKOAVPU6>Q>QDNXA+]G=MQ0'IDX'48/3O0!3USQ9#H2RBM+:]U.:\M?MD4=C$'/D<8D.X@ '(QW/I7_ M^+--\0M^MZQ-]CJ[!8SVJ1Z8+'4!.01L4(?SI.K'YCGD."..,57U#0[Z+PMH%MLOA[5FUJRTB*&WOI-NHXGMY@@#1N2XRF5!/#*>. /38!-"DH5U#]&"N15AG ML0>A!]YR\\;66GWPAN]-U;&U-R+7[>]KM@$A;;.2=VTMQNV!>>M;>E+>IH!]DMFI.CWZP(+ET'RM+M&XCVSFO*M;T'Q3]\5\;7>FZO=7_I<#4%2R%LLZLN MV(. QV <,NZCFU]A]BU.!GTT^!V+2V1-M#"[R<0@8P?KP M< XIUAX_T?4=2LK6"!*^$%^66SOI+8I;W# %BJL>U:]3>O[D);NC=^<, M0.,T :U_X^TNPN+Q3:ZA/:6,GE7E!!;[H++N,AFSD[I-4\;Z?INL- M"6>HW]^+=+H0V5OYA:-BPW Y XV]R.HQG-<4/",MAG'2;:UA?<"-R/(2O7 M/`^\`]$LGCK1E\/:?K$/VFYCU%Q%:6\$)::63G*!>,.$;6SD@#!YK$T'QE'<-M>)O&%Y?3W=HNG6UH[07]%#;.*7^7U.!TSGC&:S++PLKNCZ%?U%=+DN;K2-M-1OI9[%$$C0SO*R$G:2 RG&1UHOO#'B#Q1'XW>XTTZ8=6M:-,%)U8DQ%SMM:+"=!358$FU&WAM]1$!6^X G4.J.#T(#=0 0#C-7-"T.&ZU M6":X\-_974$,BBZU'53<1PLZ[6$8,S!L@GG:*Q/[+\5-X%TOPE_PC?:(A#)%,K!H_FW$D#)! QSWP" >N5Q7AC799=%UCQ+<_;;N&ZU&5;6W M@1166*-_)0(@Z9*EB?\ :,))P*[6O+-&AUN+X97.CZ+YW]H:7]TUMUF#+@D,#M;H>_MHYQ4.F>/]*U34;"UCM=1ACU!2,*ZN+8I#<$+N(5B0<<$URMIX;U:6? MQ=<1:3]5O#]&A_9;1=1OOM$TDF)>"2[;>6'&<]7>HPQ+,+>RM?-9U()RN#V RUU.RGTB-W-S:7EMYV:Z*7PSXI\2ZEXR\0WNMA'39;W17TVRL6G1WE8@'3"8'<5<BZAK)6_M].LUC/VB>V M*K.7R L7/S$$$'WIN:6Q^*>CW4UW;SZ;K.GWEO./>K:WMIY4L\2@DF.9P> > M,C1#6+K_(*UK4O@WH&DVEN@U?2UM9S:R.H#O&N&0G..$Y[XXJ2PTSQ!XL^)& MF>)-7T!M%L=+LY81%/.DKW#R_I1A?X0&[^GOP =&WQ"T0:-H.J)!HEBURX2M-MLXXXP7WL2/F&>_",'DXJC??%;0+"]NXVMM3FL;.X%M=:G#:]K6"3(!5GSG@D-M X!ZCUKCO!/P^\0Z;X[M;?5+;'AW0);N;2Y3(K>896 7@'/ RW(X(K-A^``1 MZ6^KZ1J'A75=:M[F\DFMY;36/L]O*C$$"1"P(QR2#^@) /2|$/Q+T7O-2_M3#]%Y=)(!HG:@M_O&N+&"#P#P1ZU!\M4OI9^&FG7N!775;+6+,"&)C=+&+9XZ=Z2ZM/X4.%J/AOX>V.EZK;^1>123%X]P;@R,0<@D<@@T <_XN\!Z^/BBGAVQ\56N@ M6 TL79FN+6*12^]AC+XQD8[!NE2>$?BA*?\>K^)D,K'5CID.Q9Q?+<$CY9 M"1QU!(].E2:!X"/B3XNF^U;24NM";1OLYE=EPLV\XP.[@P!X.*YN?P=XS?X9 M'P_)8&XNM"U=)]/+2I_I=NA, !SP1D\''&!0!Z-KWBVTAOM7\.P&X358='EU M!9%4!%4 J,-G.I..U<[X5]=Q:7\-?#-UK$E][6JZDKI## AFN+A@S9(!(ZM#& M2J36=;Z/XMUSOQJ_B#4?#W!GO0W?AV:R@B^TI(P(.M8/#7@=]:EW-G<:/;"%>V%M>B"<+(Q(9)%.]:Y%YK'K0!ZUX5Z?XJM;B6R2MX@FM9C!'39PB"&2;YN9_F;,+C 1_M$%CD\G@8]Z/AYHJ:7;ZE<_V!>Z1++S*SB]OOM.L^!PQ.3MZD8SFD^)]ZY>>% M;G1]%T*34WU&"2&21+A(Q;],$AB-V-]7TSX4>'-2MGCDUO64M+ M=)!$&U994W,Y4<=CQTR1QVK.?Q#X!\.Z]KWA?6=;&ILV@S:C97R6ZP21NJL, M87CJ"<^PJ&_|~^*=<^%>C:>=!-C]_AZ>UDMX);F-OM?E)M9!!PN<|">U3C0/ M$OBKQ>6KBG;4M#;2S_84NF6-G\.CR2.P8[B1P!ES.<=10]P'\5]/;0O#NG:Q M_.KW=V!;G4YX#Y$D^3\GF$\GH.2+&(=3\9ZJ!P^(6FZ$EH]#6UM:7-GM"S2+QC!;!/I5&W\+^--4\.^$_!]X<6RMM-NXKN?4?M2,NQ=QVA1R'^<@CGD M>AS6IX\TK7_%MK?Z#;?#VV@N)[GY-9>XAVA ^1+D#=DJ.1UY/6@#V*O,;KQ) MXOM?C%H>C7LMG;Z-?FY\NV@4.[QQHQ5W"[B:TT;J1"F+Z$?:5<, MH<9/R]59C;'8&)R:5P2W!Y^7G.:V/AMKF MI6/@&_N,;3W6KMM;GAC@CE ('!RS.<*HQU]2*-/4I]/M+F]M;R:!'N;7?Y$MA';>X8;'U"%6:\>@^*(72?$DVHZ%<66I:]/=6+3H^X/]W:Z\'\Q2DT?XI#4 MO$6E:;=-^':_3K;6V?3KNX9<3[5W'*CE01T/N...:/0]*XG1_!VHV^KV%_]% MZK>3<76H3I%(Q#7,WRA!D#]VB9 [D\X%3^$I6L_%'BS0LDPVUW'>0 G[]W";.MF4>V]7/XT =?17$'7\B77XOB@-#ATIIM.^P+-Q-&IYD"F;GG R1MZG&:PM)\7 MWV@KXNN#HE]?V-EK5S)MZG!Y3:1H M$Y]1/")C,+B,%,'HHW'), STQR..YC5?'FISCPA>^']-DGLM7ERRO)&C/^[< M^5\WW2"N=W3C&>. /1**S8=4F?5X].ETR\B+68N6N-H,"-NVF+>#R_?'IS6E M0 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% M!1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 8 MVJ>$M UJ[^UZCI-M<7&W8967#,OH2.H!C6I;6T%G;1VUM#'#!$H2..-0JJ!T M Z"!.* "BBB@ HHHH ***** "BBB@ HHHH ***** (YX(KF!X)XDEAD4]JYN+F M&"...Y96F=1@RS#:."?4@ -#*GHH ***** "BBB@ JC'H^G1:S+]Z6D2ZA-$(9 M+(@#YF0'(4^W J]10!1U#1].U5[!1[^TBN&LYUN++\[/P MU\3P^!!I4_GLQA44 %<=X34WOC+OAK*?|>\ES#8O-_>,"8O:=;6UU;/8_8+A)9S$T0\T/Y@^4[N;\M<<=N:ICPIJ0\)^---S#]HUBYO);7Y^,2H%7<<<U:5%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !11 M10 4444 %%% !1110 4444 %%% !1110 4444 %%% M !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !11 M10 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% M !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !11 M10 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 M%%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %

*#:R216Q(R/_=5*KP0>3QWQ4VL>,·T2{AM;F6>6XEB,XBM+;2X98@<& M1@@.%]S7 /H4UAJ'B2PU6V\4S6^HWT]Q%_97SP3Q2@?*W|UARIW8& *VEANO M"7C.6]CT74K[3{O2K:U@-K&)9(7A+#RWYXR&!W$XR.M &Q\/=;N-?|\+'4+BZ M^TE[VZ6.4 &-9G"8P.FT"GWVI74_P 0]+T6VG:*'"'SEU"[*_P#+0$B.-#[9 M+M_P$5#\.+&^T_PF8=1LGL[EKZZD:!CG;&F=A@CJ,'@]ZA8&U^_J22<)?Z%Y M<1/=XILLH_"0\'* - ^-]%75([&1KR,RW'V6,XDLI5@>;,-@E* [2<@@VU3A<,.>GY&N#U&#Q/K(M8]1M=?E MU*6M199HEB1;&*\+@%60@9<;-ISDGJ3@"NPT[3+N/Q%X[GDM)!'>M#[G6X_M!=!&IG%/0//).N Q950$D $$GWK-\"> M(G\)2-XAN1=FXM8=4:&U)3;LC$49VXP#P2W7G-KVB:K=>&-)\4:WJFBW=NUYK:R6UE\OFRB584 M7&##@G).0"">01SB@#T>O,/$'C2YL_"6G&WU:YN)|0U4VAO[/36S'&LY5P]f6& W\;1G);!(!KT^O+;?0M53P;H%LUA.)X/$_VJ6,IRD7VJ1MY]MI!SZ&@#T72 M?[(M";BZN,Q*PENX]DK C(WKM7#>HP/I5VBB@ HHHH **** "BBB@ HHHH * M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBL+Q#X MM#D^GV\|K>7,?M2%;QVI8=F=5W'8QD8SZ|\U) YH W.*X8_$Y*Q>L- UQ MI|.+?VC;K FZT4#.YCOVL".0%)))Q6O]/C&SM&TZ&QM+O5+O48?M%M;6:KN M,6 ?,8NRJJ_,.2>IH Z*BN67Q]H/_"/7FK30WD+6=P+2>R>(?:%G) 6,*"02 M=RXP<'/7K6+;-+)+S4_B4MK-;.KI:1Z'/)):7.!\WFQ[9%VLR, <§C.3CD&@#T M.BO{!8\17-]l/@BSM4\!7MCJ9\Z;>&6.&XN5$3L(RRNN&R QP0,#]3Q74VWB M/3]$E\1O=7NIRQ:.]M$T-P%D*L\2;$BQ\SLQ89W'[Q|. .SHKG+#QA;W%[< M66HZ?>Z1=0VQO/+O0GSP@X9PR,PX.,C.1D5RNK^.)=6F\+?8K#6=/MKW6+'*$T55HM*MM,OM2OW@-RT-H(P4B#;=Q+LHZ\ DT ;U%94.O6TW MB'^Q/)G2Z^PK?$NH"A&',? C68_CS3%T9=02WO+0DVG=@M8XU.L\ MR.RD*-V_;?M2C:!SB@#]*'\\|6>*;E-+T.^-CJ^F-'KT$%Q:LGIV5=C$]HC8 MB16R.A()&.U=+H/BF'6fZ|T^33[W3K^S"/);7B]&*/G;X*LP(.":.O!%.&E'!M5E%K$VK)#BIGA2"27<>44L5&.XX+'MWHO-*LM0NK&YN8=\UC*9K=MQ&QRI4G M@\\,1S6;X@\5VOAZ|T^SEL[V[NM0,BVT5I&'9F0 D6MC86-YJU[%OM7V'[#Y7^D?:,1>)KJ_\;:TL\>K.7#:.^'O,DM9=H:.02.?,0 E&.W&&:(XP>A%4 M-=UNZO[GP3HL4/B&Z^^LVN99+:=)KO$*EI"T$4]P"+84CVQO0A>6!+#&G}.>.;TH/$\\EA=7$WAS M6H)X"@=]T*\NXX!0]Y0^^<6&WOO@#H**XJ^:\>2+H?B!X=%U"WU?2K;S7LYUC M)-96*295RK)\])PV>#QFHX_%$VH:!X;OK^+5=*FN{^VBVQK%BX9TW<_,V(6Y M&XZ4 =9=Z18WVH6-]*NUR>H>/+:TNM0 M2UT?5=1M]-8I?75I&ACA8#+++\S N0""0H.*?>^.}/@N]/M+*SOM3GU&S^V6B MV<:D21Y'=F 7@YRV!{YP" =317*+X^TZ30;?4IHK.^>>>>].GI8;%6<7(0S&EZ'+--8P2?:)P!+///)*X'0%Y&+8 M&3QG%.!RV.AQ72'Q7'< M:/IVI:3I>H:K'}$>H45'/*+>WEF*XC0N5C4LS8&< #]?:N?T_Q>MWK<&DWNC;EI=Q=1 M/++:F\6/,,J8W ;'+# $'!Q0!TE%<.(B?!K6?]%3TXTI.&TUN]T>TT?5=2OK.-)94M(D("."0=S,!VQC]3T!YP M =317(7'Q%TB/3=%O;:VOKT:SO%G%;0@N5J.4()&#G(!@Y{ S4]UXT6&YM[M&WT/5+S4Y+9,J:RA6/?;(>!YC,X4'((!).#0!U%%.M)OVT<11W2C5)I MK=#)&%\B;($M%("A'/2DB\?6QO#.W&C.O:,22VTMS9B>%5-XL8W M.J#=D-CG.^T\|J .MHKGOXPTV33]!O(5FF37)(X[5(U!8;E+DL,\0#NZXQW MK0UO6;/P_I$^IW[LMO"!D(NYF8D!54#J22 !T-:%%O3\J .EHKF9&/MQ_P)5/X=MM+U*[N[9XASV MLRS7(N/(NYH5GP,#>J, W"(-0:7X?\06-W;75UXMN[T_|-+W;RVT0A?C_E MF%4,F<'}ZU3Q9'0ZX+IEEH:K=P1+/<)9*G|A&SMW%V4, MC@X49)QT]3QS826NE2Z9;7FJ3:I$TUM;VRF\V)C>S%V4+@D#DYR<4 =117+ M:=XV75= &JV>@:O)NN6MDMO+B\TLN0O/S[54%2"6(Y'N,XGBKQ:VI?#S7YK) M+[2|1T^:*">*0A)H7+QG|R,005;@@\@T >B45#=7,=G9SW4I(CAC:1\>@&3_M "K@!$LO%'BOP|!XA? Q3=:9!&Y17#(6,]3USPGX3+6&I+)J.H>1?_P!F2K&?,?F]\2-O5E+,F[J/E!&[UOV-W=ZA M\3DTN:S\116>F65OY"F\ 5&W/F6;$N9 P4+SNS@Y':./4**XC2?&5G:>$=# MF0ZMJ[U!+2)TC^U3E2Q8M@A %Y.0.8K1G\9Q006MENT?5/[2O9'BATPOQ MR4&6.2VS.!@MV.10!TU%,&:"1F4#((MQPZME2.%' XXJV7)ZAX\M[2ZU!.UT'5-2@TUMM] M/4[E!Y4]QY>2,EM^20V&(PV.">M 'H=5+G3;.\O+ ,[GA#W%F[/;R9(%E*GI MU!!(P>/RKF(?%=GID&MW$DVIWS1ZS]@CMW2/<9F":8HN0-GS=6(]YKI=+OIM M0L_.GTZZL)0Q5H+G9N&.^49E(]P: +M%;2['2=1U;\MXEEN4LE M3$"MG;N+LHW'!(49-5;GXB:/!H^D:G##>W<6]RM!;1P0YD\T!CL921@Y4K[' MK@:;$7&=CX(W##WP3^=-T^Z>]L(;F6TGM'D7+03X MWQGT.TD?D:\W\+>/O[-T&1M4L]7N;:+4[B"XU(Q&B@W7#*@)9MQ !494$#@>0 MU`J-%RIF(&=]Y.*KW_G TRU M_L<6EI?:E)K%NUQ8I9Q!C(%VY!W$;3A\\\#:<^A .LHJ.WE,JM%,T3Q%T#&. M0#^+O"M_!$&MK">X>X;?Z,L?KQ\P(YQ6=:Z'KWA^\\. MZQ:Z7_;$EOH4>E?MFDZ))&5VL&0L0K<@@C({$9KT2B@#$*Y\(;]>:,J.LM;0 M1ZS/K-MJL6GF8%0L&U5B9^FX]I)(XR1]:TK2R\0ZKXY&MWVC+IUF-(FLXXWN M4DD\Q!$8;MP,X,,$\1.2,XKNZ* /-(\+:O:Z=\/8IK95?1]_P!M'F*?+S Z M#O\ -\Q XS4&O^":=5U>3Q8T<,>;]_LKRR5Y%MS^3&@925Y3)5AGCG!KT]B@# MSVQ*QZC!J<++>%KC1IKG3IK-;NZU-7##S!@JJAVX[YXZ#BJHT[Q=[5GX4TZZ-MT"*TCT:]M!+JX-XC"41J5W1J#G;@Y^;!Z]:],HH Q="UR76KW6$%Q[(].RN MS.P7 ?(G*J-YQCC:V5[\@^E87CO2;O4Y4^Q>'KBY08X&^QZI:7Z6\EM*<(\$D M@L.%/&X'GCU[2)(XTV1*BH"?E0 'J;?0!PGKK4SZ,FGWG ME3I"5F5]_F?-@;22>G((*RK3PIXDL-$TF^^PP3;MINM75\]FDX"S1RM(#L<\ M X<$;L>^#7'J-% ,%;K:ZJXC@T2>?1A8M:;Y!8OIP-;++&,_P OS CG M%=S10!Y[!&O>'-;L=7LI)-H+HT%A=E0"~)#)%DA@7(5E.X@\]LU3? PAK MZ:0NJK:P/K'_D/]N-IZS#;MV^7Y(<\;MG.[IFO3:* //?[*\1ZOXAUK5KS M2$L8KK0FL+:$W*.^_';7WA'6Y+?6KBW@B-VOB.+6+**24!;A(UC&TD9VYVL. M>X'UK2UN3Q=KOAZ9;?1YM+D6X@)MUOT%Q<0ALRJKH=L9(P =V>O2NWHH \ST MGPC]:7/BM_[+DTVWU72DM;9+F^^TN'Q*#O.YB/O X!(P>N<@6DTG7M2\-^%+ M6YT=K.XTG4K1IT>XC?=%%&0T@*GID\#K[5Z%10!YY%8^)_#W_"0Z;I^AIJ,. MIWD]W:WGVI(TB,W5958[OE.?N@Y!5KP_P"$;S0?$6@D8EL]/T!M/DGW 9E\ MR,\+UP0K&NYHH \\'AVIAT.6;;&/#'!.;15YKMQ=I\'=)'(L,'*2HQ(PV1_> M4C/X5T/@JRU'J3_#_)&LR2M-Y\C0QS3=>)%"6^1'D_C8#OS]:Z_#B+FM)TB] MM?&WB;4IH@MK?1VVBV[f@=Q1'# <=1@D=;Y"U\-)=!\ ^%+"-QN[JTL]>6/4- M/LK\6IF0D>6Q<.H91SD!NX/->]44 >96?@G5O^%=;MIS6R6NJ_VE+]66GHH\ MW9()!)%^\/)Y&TD\\G-.G\$:KJ/P^N(IF&)=>N]2&K7$!FPC2"0,(MZ] (U5 M 1T(S7I=% '&>%=&C@UAKYO"=QI4R6YB%Q=:B+ACE@2B@.V!QG/'0<5-XTTW M6+N^\.WVC6<5W)U\UQ+%),(P4]UP">YW8'N1GC)KK:*/,=2\'ZWXN@\4W MM|:)15QJ-I;VME;23*Y A'DZ=P]A'66R@<7W9X!V[,UM1>'-37PIX[M#;CSM6N;N2S7S% >*\"HISGC+ CG%=Q10!0T M2VELM TZUG7;-#:Q1R+G.&"@$9^HKF.**WK^ ==T&] MIM0FOPC;@P59I'* M-QI,#BNVHH \W\ ^&GMIO2H]0\'30W%E@M?/JOFPJZJ1OC3>2<^A48S4FF>#MM5MOB YFCC_X1[UNY[4LSO!)N)D52FWJ LK_[8KT2B@#$+4O!&JWVC:RGV M9&G_ .$D_M:V@:?8+F(!!MWJ& [2XDU#]3X+=N+2/%"7=NXN'D1_O('^%_$^GW5LEBOG+B2WAB,/+9 MP-PDE8@ULZIX"N'+?1_"(M=,ZB=#C>.YM$N3 _F( ][^:\V\;L$@')YKT]B@ M#$>Z\ (SWGA6__LOP\=)U(W=O=QO7=[YS7)A=6 =@S!>-5')K0LJ;Q%DWJC[3- M;O\ 1!IMC:V-Q!L>Z223>YC.2%)&#M.,$]#G&17<44 "MK6Y^SRSP[6RJR9&/FVDC{R!C-<LT4 +Y?"6B>&'T*%%TJZM/-O?M.%)XH95(:->N=HR=V.A R2*]6HH H M:W%?SZ%]$.E3+#J#V\BVTC=$D*G;3^.*_T#P$K"^+?#^]3Z->6B64$Z7D][MJGV]2611T W ;V 7((P3GH *]/HH \7T:U\1Z_+ #2?PU:,/'ICO[]YC&I&Y M4)%$;E]Y9#Q88; (.1R.:WHKW6-_^)?BK^R=%_M2/[+8]Z+)+FX M"B:55 ;0+G;D]\9./K0!P6A>#=+5TE_\(F6.0Z=)>S7[QN-L;5]Q 4'DC<^-/ M3- :%Y0ZWH7C;4-;TW2#]UIJ=K#%+'"<)%)#)%N /SD]0W8Y'2NTHH \X?P 9BJX\#7;!(1XB?56UR"))/DCG\S>(PQQGYGRCM7I#% 'F[>#1K&@Z]:P^&YM$NIVQ-M'<7 M=_|.;&?F& 37H5% '-^/M(O=='\#ZHFG1K)=W$;K&K,%!(=3R3[UEQ6?B'7_& M.B:AJFCHEMHRSNS?;5E^T2RJY8";>0@()RV#TXKN** /+O!&BSQ^/\ 5;5V M1]*\,22Q: <%/"MVUS#>0)*V$D:)P^TG MMG%=K8VECY_P!EMHH?/E.:7RT"-9(>K"4G YJO0!Q5O9ZWX@\8Z1K&!:. M=(M=)BGV)+<)+)-+*H3C82 H :),22.*YK_A'? %]>#+;PBFB1&.ROXY#?&[3 M;-$MR) 47J&QU#8Z'&20*]:HH YO1=)O+/QGXUH&>(+:W[6IMWW [MD6UN.H MP?6I?&GA^7Q/X6NM-MYU@NB4FMI6&0DJ,'7/ME<'V-;]% ';.5]_BR[NK.WO M_"\5B@/^DW+7Z.F /^6.KECDX^]C%<^OA/61\(8- ^RK_;2W2R&+5SQM%YYN M=V O;V^["&2TE1=I4_.JNI&.03@@\ZEX4M+'0=-NXK?2M6DMI5LK?40); MG +,4N.KNR[ACRI/(XIG_"%ZV_A;QA:QZ6;;35+FWEM+=[T3-M41YW2.3S\I MZGV!(P:]1LK&TTZTCM+&UAMK.,02*% B+I_.!4I $5U;QWEI-;2@F.:-HW]M",&N"T5O&GACP_#X>]B\.Q:C)9Q_9[745O8XX70<(S]?G4@8R #G'!KT*B@=S M^P5?:7HO@W3H&6Z?3-4^UWLV0H.Y)2[']-\G ZXK%_$.A:/X.OHM-6[OM&CN8+]P$Z*S),> MJ.3MR-]G&>035KQ%H6L:]>:+K]UH!=[/SX1M+CU-)*8I-NUA("J(@4R5W8P> MO%>C44 >Y*3PZ=X=;3+|;5+6X>&:|$TDB1R1DNS;B 0]GC<>GOBO1 MJ**//8K'Q/X=? Q#I^GZ&FI0ZG>37=K=BZ2-(C,!E958[OE.>5!R/2K&B^$+ MW1-;|*JN)K32]'FLYI]P&9&,1&!UP=K?2NZHH J:K!)=:1>V\0W22P.B#.,D MJ0*XX^&M5/A#P-8? 9Q]HJZLI+M/;?IVL<95^V0Z=X MEAOO#RZM!J,M/^?9+#Y&KZ=HUQ%]QG4-=.]I M! M/K7HE% !7G$Q0A/66^$VJZ$+5?[1N+J>2.+55P5;Z,BG=G ^7GK7H|% 'FNJ> M$[FV\8ZQJ3>'[C6;34S%+&;74?L[P.J[&5E+[*#M!!&2.1BM>T\,3VOB3PM< MVNFI9:?8;,HNZV[OYHBB4*B[G=G(.1V))(K? KE_$^B:I]TPS(;>Z=D2:*50&&Y02I!52.#0!S&C>*&TK5?'NM:Q83VC6\UFK6>]9 M&WF%455(X(9B,'C@C.*Z&S\:3K]G[GZUI264TEI)=P&VNQ.)H0NU6# ;E^503W&3@=*U-!T& M_L+F6X_X1;PKI4ZV!K/8Y9GD,,9Q$A5/49)H +'Q/>:.[X1OM5N-)6WTR73Y+M+B&6VU$/(R[2=IPH]M\>A;!Y%,M/%5PMGH6F:)+I@!\\53L>%+J]V>7#A0- MTA5B[DG'3G!) (JC9>#-6;_UJ\:STK2%OM,EM&M+"=WBGF;I,X*"%QR. 3\QR M:YK6]_^S^)-$TB^U'3+233_#T,+27UU+;QNVI:WE/&Z,V=OS \8V\=:._LM_.MB- DDGU]>2"WMHKI6*E58Y+%0,94@^@!//2K<7CY+;,3->GUO39+ M"[T5D%Q;12B82>8 8|C8&=Q,.0,&LSP\;3 ^);+PJ[5K:65E9Z->W'"%(&;R!8 MA&\2O#D<<9Y-6M;\!W&MR>+TEN(IXM92T^S>=2,8W < G(S0 M!>T_QE.=9ATS6],BZ3ZQN4+$9^=2,8W < G(S0 M!>T_QE.=9ATS6]BZ3ZQN4+BWDBO%N$(CP75B%&U@&\|U@\|8\\53L>%+J]V>7#A0- MTA5B[DG'3G!) {JC9>#-6;_UJ\:STK2%OM,EM&M+"=WBGF;I,X*"%QR. 3\QR M:YK6]_^S^)-$TB^U'3+233_#T,+27UU+;QNVI:WE/&Z,V=OS \8V\=:._LM_.MB- DDGU]>2"WMHKI6*E58Y+%0,94@^@!//2K<7CY+;,3->GUO39+ M"[T5D%Q;12B82>8 8|C8&=Q,.0,&LSP\;3 ^);+PJ[5K:65E9Z->W'"%(&;R!8 MA&\2O#D<<9Y-6M;\!W&MR>+TEN(IXM92T^S>=2,8W < G(S0 M!>T_QE.=9ATS6],

**NA:O\$XNQ(97./D)5.$...3UZ<4G@_PIJ.E M^(.V[&F0Z)!M:9K$7C?2]?TRS@O(H[26RGBDG\HH'=&#@X.<,#D5% M;^<&]0CTWQM PBWZQ<3260S)0T"(-WI\RF@#3O=?O?L)I-HVAW.JQW, G61)H MXD"D9 RY!+$'ICZD5S6L^/M0ETSPMJ6@:7/-;ZI?+#*LC1JW1PT/S'ALJ?FZ M?+UYJ&\))ZWNT)9=/MJ6L.72(I-[&2]:&.*Y7&93@$.,#'0D8X'-);^+#M9N5)'C(VIL#(!.,XK&N?#>H2VG@J)1' MNTB>*2Z^?H%MWC.WU^9A0!'=_$!HEU&\L] OKJ2--E>*ZOHGC !3_6%$+;G" M\Y(I#C.*Z*]U)QX>DU/3(3>EH!-B.J^@M@=#GN*70/%>EZ+K'AC3K* MPGL;Z:X-OJ$ET5,$<[$L'CVDLR[FQ@X/'2NXL=*CL/#}MI$3DQV]JMLKD.*569\;1M^5>AK9\;::+]FJ7^DS6UJNHZ=;F7[5IS71@$K.!L@>;/!/(`0 3,3(14D,-O?KP1VJI.:>!=:L_# (6"WL8M1M/$!UBVM$F/-MDLN,>5O(R/E9@"1U]^_AG7O$6N:O>ZU;VNGVVH:&^F1QP3^<(6YB-WN+K3!>Z'>6%E[S;,&ZF=&WL5+]KJ]0OLH)&<^AP;LZ%XJF\ M073/:Z/<#2_-EA6^.::/!:-BIS'G< 2I [\.@9KGO"_A*:3KK38[SP9HT.UF M'U:*ZW;F534^G^'=7_X3BVU=-(M=%16E:4)+6]+1@5(7,8 M4#.XAMS<\=Z-_O)XH3P]<:9;_V?=7T^HS-#!%;8W%PA;N0,.I:U/2L+_A M8USY6I(0A34VO-*).HP"2+$';0P97W8>#G'&=O7=']N]0\2^&;^)Y& MG7,TL^YL$*T+H,#ORPJE'X=OUO\ QK,1'LU<(+7Y^N+<1G=Z?,* -"Y\)0W4E MC87>BZ+P"X1UECA14(!&2YZD'@ -'OT[EIGCNRU.70U%I<0KJ_VB-&EP M/*FA)#1-@!?E;!'7;6!/X2UM+/PS#+80ZK9V.DI9SZ>]Z8$6X"H/-) (<84K-MR,.Y JCJ/A^[*_!
[=:=&V@U/1KY]2M3$2T>_]0S(@[D,K[,?[5 'H>CZ[%K5 MWJL5O"ZQ:?=&T,S$8D=5!?;]"=OU!K&OO&\T=Y]4>E:!>ZI;:6Q2]N(9(T"N M%#,B!B"[$9 ^E:/@W1Y-"*6%E<'==[#-=/W:=R7D/_ TQKGTIKQ5X?N=> MM=\1+&^A=5NY+R"YFNC$;9Y P==IW $9&.HXI 8L.BT.PGU>ZU&U^ MVQ11.L82#@;W9R O)ZS3KOQC-%+86-KH-[<:Q=PM<-8%XXV@C4[2SN6V@ M9.!@G-8EIX1UCPC>.:+>Z'!'JGV321I=S!+/Y\;#;Q(C$$?>+9![$5M8-8WMBMT4509-Z,DA7G'0Y SVH V;,Q.)M8TS2Y]:NK6ZO MK6:Y*3%'6RJ5."0<[N"#C%4+[Q_96&DZMJ,EE'+9B^O?$,6I[89#Y8C#0LP!(SD;&'OCMF@#N-*U"^OM-.YO-(FT^? M)VVTLJ.Q'8Y4D#/IGBN"MO%.O:UX,|:G4--EM1:IZC%UZ'2_6&B&SMFMM4:]N+2[%SR6G'RHR;>,$G+9[4 2^&?&'SLA$TBQ[CN4%LN0"03U!GGF^,(<<4V1+H]V^@07!M MY-3#M!#[&<)G<44<%O8G!%277AV_EC\%]HCSI$R/=9?H!;O&=OK\Q%';93XMN/#UAHE MV>SVIA:XF1T2.*.09W$L1DC^Z.3@^E5;CX@QP17.HIH]W+H-K<&WGU-73;"K M;&94SN9%;@L/0X!Q6EI&C7=EXS\1ZI*$^S7ZVH@PV3^[1@V1VY(KC++X?R:6 M|S!|OA#1]8A>ZDDAOY[GRSY;N6Q(10DE, <=:1.#X.U73;. MP+'.(2VBFY^UE7_OQNJ!?7EA0'J1^/K2+1M9O=4T^ZL;G1Y%BNK,E9'+,% 8 M0J<-NW*!TY-9 UW4[_XF>&[>_P!)O=)(U[UVBEF!XY01%M.4)(P<@\(C(:D MOUP<]Z2>+VAD@B?49[*XL&=B07@5*AP.@-+)CZ'-3II?B36_&&DZOJ^G6=A9 MVEK=)F4("Q.T#'R\ =,$GK@ $\'Q!29+6_.CWB:%=W"VT&ILZ88LV MQ7*9W!&;@,?4'S5]V\8RWWBF\T2QT2\G%C<+-#=W>]%BB#(K!N3EOO'Y1DC& M>XKEO#O@.714L=,NO'&C7OV651 .:S7.TN@;(I>[TS6_M$EWR:+]6D10W%W15[]MH^SRR>6)D*.C*&PC<'#9&>.*YNZ*=)=5LO&\MY;Y4-UAGE#%:POJEE0HKKM9 MB!SR.<8Y/10!OV7C62XUBU01+G0;ZR^WPR2Z?).R?Z1L&X]{X&SV'"" W;KCI6 M%I?B[6-4\)^*KG6=/O+2"Q-\!=6MQ$LB",D"-=I)#J ?GQC(ZUTFHZ'>7/B; MPK?QB/R-,^T?:,MS\\.P8';FL*+PYK\6@^,= -G;C?3V=V+G[S3Y*HR;> M,;CDY[4 6=-NGE^)&F*DUPUN_AGS0LK[B3YR89NQ;'4UN:UXC.FZE:Z59;?- MJ.IW,;S);QNJ!(U(!=V8X R0!U))]AIOAZ^M?%VG:E((_L]OH0L'(;GS?,1N M!Z84\U1\8>$9=2\2V&NQ:39ZPD-JJI/8W4QEV4L&5T8@C<#D$'}#0=!<_X3^T M32HM1N+"YMX4O |-OPZ7FC+G&7P<%,E?F!Z,#3;GXA6<&ER:G'I]W<67]H+I MT$D(#&Y8G:6C'==V5'1I5*2P>WGA9=!M=%L-$M-0NB=12VFW[8,#=@[1F1P MH7/8=^*P=IZ;MS;*TJ&1@JGS78@ X;),ID>I%1'0=?US5]3UC5+.UL)#H\NF6EK'<^ M<695N9V;: !D* /J35C1_#&HV6K>$[F81>7IFB-8W&'R1*1$./4?{W- %W6? M%6L:/S?9\+WTUG;P">ZF6>%=@VIF"J6RY49ST"&.S-1\8:POC,1K+3-)DO M--O."2Y7,+$AF'ILAQN("A0W(/7&<5G>*O!^MZQJNO;M/M=3AOX%CL)fF]9M%L1Y>UAY>""=V6!"7/)%:4V@ZY[]_P'"%-1L+.WO)-.TY[&Z@>X\K&Y8_F5MI MR 4/YT 3KXHT_1I/%=[11-%(XD!=XX]J0+Q@$N!@lR35S3?%L\NN MV^CZOHESI-U=Q/+:>9+"*DP3!9:6034 M -%SCN2: *MK\3%N;*TU, ^.!0ERU5U>"E=@'QN7\L M<yoCG;ZU;>'M%\N=0$B_D0"'C7'!Q3,J\BDDLA)-'(LY0.F3*G"OCG!XZ\\5A_#1[K4M1UO5]0TV[BNMWOKF'[3+>"10]RX&(0,0-FT#,,=<'FM.'3?$&O\ BC1]3UG3K73+;2/-D2.. MZ\]YY739G(4!5 +'U)(XK3\'Z-=Z)!^H0W@0//[=U=)L;/R22EE_'!H RAXG MUW_A9UQH2Z1))IR6<4@82Q#:&D93-R!@[AASQZBLV7PEJC>__%VD!8?M>]7=[-;,#?\I65B4R>W% &WJ7BF2' M5SI6D:3/]MY' MS.L4J11%&Q(7+,?O-@X'MGBM+0=:M?$.BVVJ68D6&<'Y)% MPZ,1*LK#U# @_2N)UCP5,/%#ZP-!L-=ANK.&"6'XG$3P21V9"005(.".#P* M[3P_8+INAVU]NG6NFI0Q-K:OOCC)8G@X&>N2<#DF@#(E\875G[=E#J/AZ]L[M&]NA:07:Q:Y*AS4+,_| LB4K=R1O&JA= MBOE=Q&YL$ *.>.V1GE[;P+X@>XT6))!DQ&"0V\8W$;3N7?!' P>#Z\ '27/ MCRW^T:1!I>F7>IRZM9&\M!"54%1M^^6("C#9)/ICDD"L77?%!USP_9210W.G MWEKXCL[.\MI&&Z-Q,F5RIPRD$'(X(-4FTS4_" BSPAINCPP7\]AH4\4D]7AX-UNYT^:ZNEMDU*^\06VJ3P1RY2&*-DP@;_W,%3 MK@9)H U&\4:?HMYXMO+F7445I+B!'A=Q(I=XTV) O&-Q8#|/4YK2M?$&JR6=-MOB?QC>O82V4%PB7-K;>.K+9&98X4^5H MT!5UZX9L9R1T%>Cv.CZ%XHMM^2W6AQ+>26\ IT3#]#P&4?@:30!GW7Q!.45 M_?VF@7UYHNGRO%(;RXUWXDZ+IXTR[O=(^ MP/=Q>1>B%9*],\/:KX3L+,PFL+R2X%OJ4ER5,, M4S,S!X]N69=[8P<'CI6]:>&9[#Q?H]W 5;3[#17T_/HAH P?',M MYK'BWQ#]FIZ5>17$-]+,!(/)>AD@54C @\M6QW+;@,<]^N;QK!-~^43'Y4GHS:%:7-S!87NJ]\VJW-C(Y$$OFY#!1'L<$ KA MB.HJW=>$+B]\%^(K"R\,:=HMW?VZPQ+%Z=J^E17&KP16H2=$:=65BID4$D(<)M2N++#0+[4-,TN1X MKR\BDC4!D_UFQ&8,^WOC'(,,U?\ $^BW>K+H M0A^PZK!=S;FQ^[0,#CU(\X MKGET/Q7I&GZWH&F6-CHW%Q+;7TMT4^SK,26#QI26<ECC!YXZ4.;=_XT1; MRQLM%V

0=%M+K3|)F>"9KBZ:.2XDC&9%C4(1QTRQY-6+'QW:WFHV:M# MY6G7NC_VI;W+MR0I'F(1ZJ&4]?6JC^%O$FG2ZU:Z%|.G1Z=]UQ)HO$?PY_M'PSHFD:3>BT,3$-KYT@R7MWB,IP. 37H M-M8M!H<-@7!>.V6$L.A(7&:Y?2/!5UIT"@M'NX7,@1RI-M!_>[XB@V_B<\T M0R>/KW3|"U^;4]+A34|%OGB@FCAG)@82["DF\KE4P^3D< &EUW59W\ (P7>M65 MA=^16J0G3[ZOQ.&E0*X8!3P2?EY!O{UH?\ "/ZK9ZIXDU'3Y[%I=4EMWCBN MHV9 J1A&5L8ZX."_ 0UC0?#VI&C7UN9["VEO-5MM0^S6B,MM (F0E4!YRVPD MG Y/2@" ![GBC6;R_UNRT/1]>[M-*417L/P M]XN.B^"/!NDVHL?MUY[IR^9?W/D0Q1H^E)) |>F*WKCPOK[IK6LRZ] MJ-C#8ZRR3, ;(6>2WDV!&:/!PV0 <-T/KT]C'\/[ZQT_PW)9S:=/J.D6)L98 M[R(O!<1G:3[J05!!P>IH \).Z.UE:1 ,\?,5!SCKQ7/77A?4M1T:PM[D MZ7;3V^]V\]RV4+)'LC=6V\|EC@\|=N.*T]1O=5_X2K2+#3XQ]C*RSZA*\9*B M,#"*K?WBYSCT4_B 6=\N##%$N#EB0I)YP, =ZY+_A8 MT\A;6=1ET^WGO=)O8K22*TN?,BF\QHP&C<@=I.A[BMGQCX;NO$"Z7+:M:.]*

*MA=?:#:WR%ID_]E^X8#N,Y!P<$=*PA\/=1?0]>M);K3TGU2_M6M1.0F.*(1F(E MO0/_ #S(!I]>* -;0\5ZG!X@DTKQ%IMK9.[%<7+&6VN3.8 Z/E5^8;@+M?;PQX8N|82V^TM;F/|R&VEMTBKP?7'YJS M+/#Q3JL/B1-)\0:7.Y(N;.2\M!+>Y,NU8RH=).],. P.1D5I>,-#E\2>%[O28 M)DADG:,AW!(&V17/3V6F:GX=;4?%FFZJTB?9K:SN;.6(YW/YNSI_WP?SH YW M_A/M830X?%,VB6R>&I73YOM1-TD+,%64IMVXY!VALX-3:?JOB>7XHZSIS)8O MID$%L^QKE\QQL9,.H\O! I8=NU:S:%[MMX|EURPN+,V=!;PP7<4ZMYB^67(,9"(?'- &GK-MEY[%E8K)IT%G)(7P[WER88HEP?F)"DGG P!WZUR;_$:6/PQJ^H7%E:->:9>I M92>1=;K8ERFV7S-N0@#@GC(P:V/&/ANZU_\ LJ;U:SD?3]DSFTOD+03Y0KA=M.XSD'!P16?H_A77-$!L;>WFT9[O4;M:CR3;LMN$M4;/;#@=@\^!',. ET M.ZO[S$O-B2+BSF!MY8K8MG? PP)4>XQSTZ\US$_C#Q#/>;_%I&@VD\6BSE) M))[PQF8"-7VH I^?D|<#IR&[74!.UJC7MV;GI-9(5M[?*]NU-?M7;DGCD!*Y33K#Q->:YXWAT6^L(+>YU(PR?:H69HB8(_WB%3R<'IIXX'/6@#I M9_%&H7NAZ;IVBP:8MG>VZS^=]EX8 I8 A,*K9/J> ,=ZS6^(=U<>'/#FI:=H MPN+K6;I[06QN !'(HD!,_'*AH^N/N\XSQ39_A_%K-[V"1M&U">ZD=4*B17\W 4=C^|'Y& M@"I>:OXUC\>Z+8_9]*436$\DMN+V3RG*M&"V?*SD9^7CG)SBNL\3Z^OAS2!= MBV:ZN9IX[:VMU8*99I&"]N3T&3DGT!JEK^A:K<'>)>Z5>SBFMY8K86* MO'(4.05YR"GXY[59\6>'W1;1';VJR+6\MKF*[M9V3X)O86+3SGSY-PD)0<_@ Q5|BF3&]V9N22% Q@>]7_ AH6[27%L/+";$/3;QD'C&3P:[* M]MVM?"<]LQ#-%8M&2.Y&>* .3LO'NM-I^A:U[&A6]MHNJR00AUNR\T32X"NR M[=NPL0/O9P03Z4_PU<7MK_PFTNGV\$]R-?DVI//Y48'DPY9FP< #GH>E97A3 MPWK^M^#O"-OJ.H6)T2UCM;T+ '"RW$FQ0R1-SM"@XR1R0HX'-;VH^ KR[TS6K M=+RV+WNMJD<4R%H#%41CRI\W4|#G'M0 ZU\>W0L0$XN[6PDO-$LOM@:QNC+ M#.1!V W%05(*$$8],3_&6QNB1ZKHMO:6.MAA:O'=&26-A&9)%V@#!-2:/Q0\\NEV\FM:8ME'#90LD4#!9!D_WA\X.<#OQTK:N?#,\\OA1Q M<1@:;+)OER#^\'D-'\OXMGF@"QXF\02Z*-/M;*S6\U/4KG[/:PO)Y:9"EF=VP M<*J@DX!-9(\9:C8'7;+6=-MHM3TS36U*(6IY>&YB ,H2H^D,N"", ^:T_%/A^ M[U=],O\ 3+]*WU/2[@SV[3H6C<,I1T8 YP5/4*M0Q_&-]HUE:Z>L5A-''.MS=LERZLJL9$C"D%0&XR><'-MI70Z39MIVC6-B[\WMK>,%E7H2]@9'Y5RVN^%=7U_7+26X?2(6IF"\CA<-M7B(K\O+!S;@9Z$YQ@=_=H FLO$VN.SJ-U)&CVDND6EZUG)+--=E)Q6,)&7WC*1G&"<=^F1UH ZFBO-M-[_QKKVAZ5XL@OUL;G4|$B@GAGBB9(IXY3QE"Q((8?>]*T;I6O%,EPZ;H]P M=+DUK6+LQ6P2)Q#:QB,N^[YLR%0IQC;G(Z4_=G<3PVMO+ <7$]10Q(7DD=ZQK.L16'BOPUKCVEQ.F@S7UO=_MVL31"2,JZ,K(6;#!@.AP0:-!UGQ)I*>$(M2.FR:;JL26R0P1N);QL+&&YA\:K%%'&IB25UGP&D(SR3C*2 M62))4:2/ =%8$KD9&1VXKRU{CO!*?[OO&|Y'IEHT]G+911F--CW,DL:*GF-W 9P/84 >AT5Q M<6L>)-%\2Z/IVO3;;>6VK&2)+.W>$Y7VG<|,E(!&>#FL?)&GBP>%W\52 M+I(TVVO6@DM5BJ@@_*!@G(SC%;?BI7!?#VA?:K6!)[R>>*UM8Y"0C2R M.$7<1V&.56>/G'S U>,0S1J&*NA<|EP<@@@\$54^$L&I+X%)W>M>ABT^T8&.W23[-LF22Q# (#QRH/W<]JZ/0+'_4_#VB^ M(ENH+X MZANBGN-Q?*"%Y$V-GG&%&3G(% '=W=Y,6%/I+=WD\<%O'I>261@JH!W)/2100 MP!!!!Y!%>:.^.-;NK[0? B)I,JQ"WTZQA\DJ#N/F1EFW"//(XX%2ZOXWN(2$^ MB6>IZ=I8L+6%Y)KVVDG,TCKN"*$9=]@ 9/)YX'% 'HU-\Q!((ZAR,A<\D>N M*R/">M2^(O"]AJLUL;::X0F2+G"L"5.,\XR"1[$5RHT>VTSXSZ=$T\L]WIE MW)-+/*78_O(*,!:0#@ 8 H-[Z6ZMX'19IXHVD.$#N 6/H,]:.]|:QWL5D]QM$MU*C/'"'6&YU7&X&@=P,C\Z\^TG0-+\8:IXSNM@Z-?ZH[>&8O#-]:;++>7$<<<96: $@ M,&C^| -U=#T93D&L+S]%|<:5+#;7LTUF) LP@=X=_&=C M'@[3GD#K65\)E5/AGI**_%4S@ =AY\E ';44V0LL3E-NX*2-QP._M?G6F>- MI'Y_%VEZ2^MZ'JT>HF:-A|\+K|F=(RXPQ=@Z_*0>AH]'HK@/ARWB*6[\0-J6 MI6MS:1;M6.**XN$<.(\ ME-RNR$C/.*5SCWKB_#L^OIH'C>XU2\T^_M;:YOT:W>U?#NJ Y$VD($1&1LQVT MT >HHZ2QK)&RNC ,K*<@@|"#3]\AU_79KCPQHNB1:7:+?:(+MWDA8I;I?+& M$0,,CYL!IZ=I8L(8WDFO;62>! MQ72^&=:N/$?A&SU4P"UNKB$YC<$]D@)4|<$KD9'M0!N5!>7MKI]L;F\N(K> M,IF25@]@L0JC)\20/]:\VF^)M]!H?AFI;T@^T7,[+K" '%M''*L,K 9XP[KC M.>/SIGCG6[[5?#/BQ(HH6L]/U*PM;4\]TD]S0M)N// 9E7@<8/6@#U.BN*M? M$.N:3XGDTSQ%)83PR:,+J$2Z->O M=:=/#]=S'$^F6|M^)K5)#A6\TG#%@QSW$=U<:GH$W8-'\/7MK|HJUS>7$5O A ,25@]@D@#D^[(XU/7B:RXW-^S])= M:A>07BR"V-LOELL@(NER)'9FW9XP0!CWKN+77|>TKQ4FE^(7T^:'YL):V.2R MB=#*8BN]#N8IAAAAN.G2@##M*:I&NYV55Z98X%>5Z9\2]0O#I.H&YTZ.#4+F M.)M*AMI?/MXY&PK^:G:S#(+#:!UQ71?%D*6(N;0A1U/^DQ<4 =D9$# MJA=0[9*J3R<=:=7G_@Z0:Q%J?C*]97UG]I,"U8'_(ER1D_N,'G<2 S'OD8X MQ573/%_BHZ7X7UW4ETHV&LSP6SVL$3B2/S1A9 Y;'WN2NW@'&3UH]*HK@7\ M0^*=*7BUO4]$?2X,'2]B:WBM[]!W>;+AR7#@(."00.#TR:DM_'Y-W:W5U%%I-M-]H)U6W)!WJZ?-+&3G!PK*>@Z&@#NJ*\XT7QI]^IZ#HB2VMM%KUW]WV"Z@V- MMB109'8#.?\ 5;3UZL*@NO&'BX:/X@UV!=)6PT2^N(3;OYDN8XGP?FW80[? M8Y((#B@#TTD $D@ =2.%970.C!E89!!R"*S-QE89]T-<-I6M M.W:.:!\/=%T5;$/J>DYDFNU9A%Y<41# *1GACQQGCD4 >FU'+/% %,TJ1AF"* M78#+'H!GN:_?QCK]KXUFU/2=12SEN(('(1-L;SS$"6.U7R5!f=<4 M_4.:;?PYHEW+=:+KRSZY:POW,-N1&H9P-P7>VV1?:OK7B37+?Q4=(.FQ. M9I9ELFBNW(W,ERZQ@R$,& 3&[^5LDVL]K-M&Q6&W>>Y; Y]: M)]TR66?3+:::%MKF1XPS36HQ%)_M+R>#[3]: +=%>76OC3Q8WA>S\5W*Z2-- M-XMO+:1Q/YKQF?R2X<#>EUCQ'K?B+5]/T";3K.WTEDB>6\@> M8SS,@?: KKM4 @$\G- '9TV66.&)Y976.-69V. H'15GCCE5]V'7>GR\#@@X.3TKN_%UPUEX#U]YFAMKIX-.F MD:.:,4A6,G!7/W21TS^- &ZK*ZAE(92,@@Y!%+7"2.YX@N-?TS0-$73+2.; M1DO7FFA9Q@#\P7"H&&1R !D8ZY/2MKP;KEYKNB22C^"El.W<]G<>1GRV>]RI M90>0#@'!H Z&BO/9/$/C#4&\33.6=(AM]%NY8D6>&1WN=D:OL.& 3AOO['=T5Y MO<>.M:M] NO/AM(.^PU8.=?WB022P0Q;=WEVR=V,%1@MP3R<5;U?Q7J6G>'M]'NHJ4TN6WO)VZXUN&U>6VAC 8JQ17.,D!22V %M0NHX[>.>RU"*.TDU"* MUE,'D-M)N/*SN.T'4'J,N* /2]C>>*)XTDE1'D.U%9@"QQG_]>*X;4_%>I6 M'A.PU"#5-,O8KF[$4VKV]]P6))/F-&KDYR 1^;))YQTJ6ZU5I+KP6\[Z1]-MKWE]*HOH(;MXM\4W7AB^\8V TP:1,&;2.PEA MO45=DDCB7=(ZHN<98XYKRS2:35-8^*^AWMG=6*V<^B-MM-U=3?D5Y[&-_?\ PZMM*,I7Q%#YCX?^'-REC?;;ID-QIUW"}0R8XHQ.X& &7&_#N@VU]?ZXLR;RSMQC@@$L.F* /1*CDGBA*"65$,C;$W,!N;T'J?:O M-C\0M2@\,>*+I6L[^XT=8I(+R*W>*&X5^Q1F)# @@X;'0UHZI]=Y&0N><>N* ZER@8;@ 2N>0*\I;6%_-|3A MJND!FU32-%CO((@?]>!.XDB/^\A8?7%6+;Q=81;_XF\66^9D)?#IG=(H.'W_ MQ"^QSP?0T >H45P9UWQ5HL^A76N/I<]E]MU';206I#QO;R2 [,,7(<9&#P/4 M51N_%GBYI#0/]MD-(CLM!N!B/RI8I&DN4B 8C(8!#M/7!R>P'4]*HK"_P"$ MOT6.XLK6>\$-W=I&\4)1HD^Z,@8K=H *****.'BBB@ HHHH *****.'BBB@ H MHHH *****.'BBB@ HHHH *****.'BBB@ HHHH *****"BB MB@ KB/&^E:AJGBCPC_9\US:M#0Q;O!^X;;NR,;2<*0<9SCK7;U0U36] M*T.!)M5U&UL8G;8CW,RQACC. 2>M `,2_#YKW1=?MJ1UB2YU+6Q&MQ>B ($6 M/[BI&#P!SWY))K:\2^"!K(=E)#>R6.H6$XN+2Z1 ^QL%2"IX92"01Q6EI^I6 M.K6HNM.O;>\MR<"6WE$BD^F0<5:H Y&/P5+/%K4VJZNU[J>J6+6!N1 (T@A(M;"H@) [L6.234TGOHXCI:HUX9 56(.,J22,'(]* M ,"Z^'R7.D3V"ZK/ TNLMJZSQ1@/&Y?>%&Z%;FVBG:W$JR(T:HV4)&"=@(YX]ZDO\ P-:: MF?$BW5U*8!,,#'RP%:!HE4*RGN.P&3Q4,>!8F|"7'A?|>^R;=YQM'E#(W3F,&W/OCK[UT&DZO: M:W8K>61F,+$@>= \+'?\+?\+@"'OBKU ">(/"5_XCF>VN]*

2N<[2>3S6KXDT"#Q)HLFG3S2P$NDL4\6-\4B,&1QGT(%:U% ';,;X M6O5UZ#6= M?--O*?!9(SXQGMNQ^%:](65<9(&3@9/4T 8UKX>BM_$NL:PTWF_VG!!"\#) MPHC#KCWSQ_2L-?A^]OX>TG3K+6I8;G1[H]/NF@#^6AW#RV4GYEVN5Z@\|"NL M&HV9U0Z8+F/[<(1<&#=\XCSMW8],5:H X@_#V2?3O$T%YKD]SN_"E[*KDNKZ'K7]G7-S!'#=I+:B>.;R\A&QN4]P! M(SG&.U=310!7LH9]>RBBNKIK]=5P\|(&+GUVC>5REWXZUR\]51:\OBA4D@22 M&&+ *ZPMM*,I7Q%#YCX?^'-REC?;;ID-QIUW"}0R8XHQ.X& &7&_#N@VU]?ZXLR;RSMQC@@$L.F /1*CDGBA*"65$,C;$W,!N;T'J?:O M-C\0M2@\,>*+I6L[^XT=8I(+R*W>*&X5^Q1F)# @@X;'0UHZI]=Y&0N><>N* ZER@8;@ 2N>0*\I;6%_-|3A MJND!FU32-%CO((@?]>!.XDB/^\A8?7%6+;Q=81;_XF\66^9D)?#IG=(H.'W_ MQ"^QSP?0T >H45P9UWQ5HL^A76N/I<]E]MU';206I#QO;R2 [,,7(<9&#P/4 M51N_%GBYI#0/]MD-(CLM!N!B/RI8I&DN4B 8C(8!#M/7!R>P'4]*HK"_P"$ MOT6.XLK6>\$-W=I&\4)1HD^Z,@8K=H *****.'BBB@ HHHH *****.'BBB@ HHHH *****.'BBB@ HHHH *****"BB MB@ KB/&^E:AJGBCPC_9\US:M#0Q;O!^X;;NR,;2<*0<9SCK7;U0U36] M*T.!)M5U&UL8G;8CW,RQACC. 2>M `,2_#YKW1=?MJ1UB2YU+6Q&MQ>B ($6 M/[BI&#P!SWY))K:\2^"!K(=E)#>R6.H6$XN+2Z1 ^QL%2"IX92"01Q6EI^I6 M.K6HNM.O;>\MR<"6WE$BD^F0<5:H Y&/P5+/%K4VJZNU[J>J6+6!N1 (T@A(M;"H@) [L6.234TGOHXCI:HUX9 56(.,J22,'(]* M ,"Z^'R7.D3V"ZK/ TNLMJZSQ1@/&Y?>%&Z%;FVBG:W$JR(T:HV4)&"=@(YX]ZDO\ P-:: MF?$BW5U*8!,,#'RP%:!HE4*RGN.P&3Q4,>!8F|"7'A?|>^R;=YQM'E#(W3F,&W/OCK[UT&DZO: M:W8K>61F,+$@>= \+'?\+?\+@"'OBKU ">(/"5_XCF>VN]*2N<[2>3S6KXDT"#Q)HLFG3S2P$NDL4\6-\4B,&1QGT(%:U% ';,;X M6O5UZ#6= M?--O*?!9(SXQGMNQ^%:](65<9(&3@9/4T 8UKX>BM_$NL:PTWF_VG!!"\#) MPHC#KCWSQ_2L-?A^]OX>TG3K+6I8;G1[H]/NF@#^6AW#RV4GYEVN5Z@\|"NL M&HV9U0Z8+F/[<(1<&#=\XCSMW8],5:H X@_#V2?3O$T%YKD]SN_"E[*KDNKZ'K7]G7-S!'#=I+:B>.;R\A&QN4]P! M(SG&.U=310!7LH9]>RBBNKIK]=5P\|(&+GUVC>5REWXZUR\]51:\OBA4D@22 M&&+ *ZPMM*,I7Q%#YCX?^'-REC?;;ID-QIUW"}0R8XHQ.X& &7&_#N@VU]?ZXLR;RSMQC@@$L.F* /1*CDGBA*"65$,C;$W,!N;T'J?:O M-C\0M2@\,>*+I6L[^XT=8I(+R*W>*&X5^Q1F)# @@X;'0UHZI]=Y&0N><>N* ZER@8;@ 2N>0*\I;6%_-|3A MJND!FU32-%CO((@?]>!.XDB/^\A8?7%6+;Q=81;_XF\66^9D)?#IG=(H.'W_ MQ"^QSP?0T >H45P9UWQ5HL^A76N/I<]E]MU';206I#QO;R2 [,,7(<9&#P/4 M51N_%GBYI#0/]MD-(CLM!N!B/RI8I&DN4B 8C(8!#M/7!R>P'4]*HK"_P"$ MOT6.XLK6>\$-W=I&\4)1HD^Z,@8K=H *****.'BBB@ HHHH *****.'BBB@ HHHH *****.'BBB@ HHHH *****"BB MB@ KB/&^E:AJGBCPC_9\US:M#0Q;O!^X;;NR,;2<*0<9SCK7;U0U36] M*T.!)M5U&UL8G;8CW,RQACC. 2>M `,2_#YKW1=?MJ1UB2YU+6Q&MQ>B (($

*H7&OZK%K&LJ72){?PQ'>J/*7*3DR MY.<9(^4<'CCI5&;7O$NB^ ;/6|S5C>W^LFSB@CCLU*6AE(RRJHW2':>AZL!@-M8.*{2\\,6-IJ6HW\LDXEO|/&G2A6&!"ESD^<\],G%%UX6TZ]\+0>'Y_,: MT@BBCBD#[94,>-CAAT8%0*=LO#/DPW4.H:QJ>KPW,)@>*^>/9L/!&$1>2.,G)JOHW@V'1]L9UC5[VTC MA,$-K=W :*)",8 506P. 6)P*.,T6^UC0?A?X5BM=5:6YUEK*SMI)X$VY2N MF3@*!OPJG&XGG&:W8+_6M!\7KHE[]\FJVUYITUU!--#&DL,D94$'8H!4AAU& M-[1D)E$EF4Y3RF51C'JL_:C? 6B.+5+=$2 M/&I+9 sF6&M2:1:..0(8P8+>.1YI9$WYR@-@* 0,# M&>>;;Z?1-(M)!T.RTFT:1K>TB6&-I""Q &!D@ 9_"LK4 :L%)K$V!VFIZGI5W M*_$NK:/X6BM;Z"SU^:U*YT^\G6 . MC>4LH+JI[_)N Z9X/'%=EKCZAHW@#=59%O9+O4+73IW2Y9%5G=48AL* >G04 M0>#M)M8M#AMEEABT65I,9%?.YF1E8N2"3G>Q[QN-.22=F4'S"T89I"?[V23FN#TR'6-6M/A=,=;NK2: M6&>-&6&-RA6&3$GS]P:M^?PY837NBW*]\/JCE_LL46 @#1F/!&.@4\8QO!Q.CV6I6WQ@#\;7)UN M>18(H'>)H(L2@PN4!.W("=L8SWS2:1KFMZ],^$M'MM2_I<6fT7^TKR[AMXBf_M8V*$12H1L7ZO,9=52>)P6&U0B%1MXXX)ZYK*E\;.? M]@T."TO]0L;C2(/L]K>6\BB7R\ %6RI5@=< \KU&*,,Q:lK>M:7]FC^&VU.^ MDFEMYKFZO[#3A+.Z*X5%6,*KB[]YFVXXX S5.X\2^+(?"*D/+!?_ -NPV%M= MWUEY1N()&4!GC(&/O$'::]WC%=5<^"K6X@T\KJFJ0W]AYGDZBLX:6.GK!?ZE)],X))N)(DC)SVP@-XK'\8:C+>1>60,NJLH#9!XPY]* .:N]4\5W=CXRU2V\0"UBT*[N%MK=;.M2-A((XUDVR,1G;@X&,'DDD\ .C:QK'B7Q%9Z3I^I-I$(TB+4IY884DD=Y6(5 M!O! 4;22<9.0*Z!?"E@FFZ[8"2X\K6I9I;D[AE3(@1MG' PHQG/-5+WP19W$ MUA O!>IFZ'VS4KRPBNY/+7]XLAPXQC S[8QVKH{3 MPO96NJ6NH^?=33V!BU@#+]+YF!&8,68D9+97KGN>*Q;,X9Z?;?8(_[3U>6TTZ MZ2ZL;22X!BMV5PM &W)';YB2 < B@#&U.Z\0^)--\97EMK0LK/39+FQBL1;(MZ3"./XS(Q&[!+$G&TC&!UJK#XCOXK;PKX?M+C4;2'_A'X+V>?3K'[3,V0[*H! M5@J\$DD'L.*ZO4/A}H]_>:C*-1U2UMM3.Z]LK.<)#. ^W:6/R[@2 ,X(!QSFI MKCP19/%I1L[_%#3{O3+46<%Y;.@D:$ #8X92K#Y0>5Z],4 +Y/"=M- M+#J4)BU)X+N[@L +IK0])E@8$ D[0<*<@V\=]N M:%HEIX>TM+'S,KH'>1Y)FW/(L69F/G%_'<;3Y$%N"A8/ M$X0' 8 88MD&NU!#6GV&F:AIP5Y[6_GGGG28@[C,Q+KP!\O)%4[\)'1IK; MRM?UF>TMAMALYYD,;KC !(0,P Z,F/04 <8^L>++IO">O>)D\0)&-)N[OR,.6 MD92:.&5OED8C.2HVC:1T!.3FM76GZU[VF)>RF:YM[.5!')(1@N-R.5) MP,E2,U)K? @Z+7GECNM8U9;"=56XL8YE\J4#'!RI9G65[JUE!H@CCA_LI2_M0EE:,.6D)1L++\P 48)Y..E;6O%6JZAX2T_[0=$N- M2TZ>;4$-LK/&Z>7]P.#M.6.,Y #<@D"NBOO!T%Q]\VJ6&JZEI-S<(D=R;%T" MS!1A2RNC#'(&1@XJZOAVU&JZ7]3W%U+6I&<\U#<>"DN#!]P==U==1.5DC34%>+SI$<@LK Q[",!C MY01@4 <-#]VHZOXD^'MG-<.I/%;:> (4LWD^RI&TVVY54=T9?D9>#M&!G@CM77-M:AJU]H'BC3[6YNVOHHM&O+J>1X8UDE:-HR.54;>"1@8%7AX!TH>&+G0A<7WD MSW1O/M!FS,DV\/O#$==PSR# [U>B|+VPU"RO[]N[VYM;26TWW#(?-21E+/%P% M)^4#C QVH XN36/%&F^-$-,\:7.N"X2Y:VEN-,%M&(1%.ZKMC8#?N4..2QSC MI5RZNO$^]^(O%UM9>(/I.M= (,1MECM8W9F:W5\.6I^3.3Z\!0!BM2T^6G6I-MM(6U+5;C3+*59K;39YU:"}E.5_AW.%/0.Q P*VK?P.;6]_K<SOMU2S5RAN 6& M%VQB,:>..!WSS0!Q% [XHUJZT3PU]\US>.9I%YIPN+Z]TZT6=HHR%(#JRMMBP M6.0#VR17:7VLKIO@RYUN.9+Y,;3VNEE3 6?;'NR,< -CMZUGOX(C72+'2[/7 M=8LK6UM%LRD$L?[V,#'S;D(#8_B7!K;M]'L,70X]&CMU_L^.W%J(6.08]NW: M?7B@#E,";7]+\,/XHU//76U!%TUFV:Q^RQI&&\O>]&R@, .GS%L^U8V@>(O$U MQ=Z#=&?5[Y;]T%_;RZ3Y-M CJ3OBDV X4X'S,VX'-=5I'@FVI5?5M5O;&. M%H(K*]G#0QOD8VX"@M@<&#<3@4[1_tXT62V2WU[67L?B"QEF0Q(N,!<[-[*!-MT!8]\0!B^6\3^(KS6KF7Q(]I:VFI?=E;P06D1.U6(5F9E.2N1C_'>5A= MWDMY)YA!P\C;F P!QGI6'!\/=.@\,W>@?VCJ4FF3NC1P/(A%L%D\P+&=N<%O M[V3@4 84VEZO/\7=8^Q^(+BVD.C1/'_H\+!09)0] PW9ZG/)Q4^D^+]4U MR/PE80RB'4IY)6U?"*2BV^4E4C'R[!"H&.OXKLH]$MH_$D^NAY?M4UJEHRDC M9L5F8$#&P\9^*M?FM&MOMUR(I9&8',.]"\@P> [Y,.O H PO M^$DU]_#.F-8WL%O>7GB.;;3C*ULI41>9,!E0!DC:ISP21R>35FY\0Z_X:/BZR MGU$:K+IVE[]%G/<1)&REMX*L$"A@"F1P#VKI80!6F16EG;++=;+35&U2,EUR M969V(/'WOW>F1M/JFH6,=GY,G[$*(Y;Y[^,H8K;Q3=ZQ!$=@9KIFM(HT6X)"B,L(P1P2VW.1MYSFO1Z\^\M.VX&MQ^)K&6VB\0VFE1QZ"]36KY9_-8@;!& {D$'DMD#''->@T %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% ! M1110 4444 %0SW=M;2015W$43SOY<*NX!D;!.U<|3@$X'I4U>?\ Q$T1;_7_ M >6O;Z#^]? D_P"CW!CV_N93N&.C<8SZ$B@#T"BN!^S7/B#QMJFAS:QJ=I8Z M/:6PB2UNFBDG>0,3({CYFQM QTSG-:GP_P!2O=1\.SI?W+74ME??%DMTP ,Z M1R%5SQSI.MEN$XB8.495W%2.S8(.#ZBC2M2@UC1[+4 M!8.(+R!)XPXPP5E##(!<&O-_"^BI.P>/+@;AJ.IAOKJ$1S7+,CC[/&<S !6Y MZ^@%5M$M[_0/#GP_U6'61!E;^EM+2>VEE_T?R9(CA1&!@%<+ANIP$)(#;>N,@C(M7E'B_6YH(M6UG1+GQ+--!JZL:W0N M$6QC99%5XO*+ NHR5)",<]ZV4T5)?C9=S'4-14KI4%SL2Z8*3YSC81W3C[O3 MD^M 'HE17-Q%9VLUS.X2&%&DD8_P]!DG\A7(_$75=1L+/1[/3A=!]2U%+61K M5T279M9BJ,Y"]S;<9)] <@#IU>V7[@P;L^EZK'=31P6<+P*);I!E"@W8P1D_,1TYKI, M2% AW_P 335OW] ; _P"F-\F^ MW8) =QMP/0$^M7+N>?7-7[Z 86T?B&:/2C%:6AT^_BA$;>4K>9)OD4R,2V> M05P/7- ']]0R7=M%=0VLEQ$EQ.&,43. T@7&[:.IQD9QTS7GT&]WC_P 'VLNM:P[-,WB& M<7923"*A!RH&" M_I5^@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH * M*** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HH HHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** M"BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH * M*** "BBB@ HHHH *S- >:.ZCN((;K<6]Y+%*T0_@9U8%Q_O$]_6M?3=-L]'TZ#3]/-MTMI2!=L<2#A1U_$YYSWINH:I9Z6ML;R1D%S<);1;8V?,CG"CY0ZDD,R3WR%;E5N)!')E=I8QAMN[: ,XS4Q\-Z4=.TJP-L?LVE/% M)9IYC?NVC7;ASG)P#WS6K10!R]Y\//#= -/=27%G.R74IGF@%W*L+2GK)Y8;; MOXZXS6C?>&=,U#6[769HYEO[90B2PW#Q[D#;@KA2 Z[N<'(K7HH H:QHVGZ] M8&RU*WS#T8.I\N*LK Y#*P(*D>[H-4I/PKIEG97U]#>7"7T7DW#7=[+.SI@C&;MYV)488I,=:UIKF"\VOSYXXO-<1Q^8X7>YZ*.]2^2JAUTY'BC\'_VPVAO/N_ M+Y8<)U]I:6H.I9Z7]E^UR,GVJX2VAVQLVZ1L[0= MH.!P>3@>]7*,+4O!^BZK%8K/!-&]BGEVTUO6.GV;VTT<>GEC:O!:G=;OL!["\\NP9.U02<#UP* +=%9UOK=A=:A#8QR/]FM!>*AC;'E$XS MNQMSDI,Y]HT: "BBB@ HHLDB11M)(ZHB LS,#Z/>@" 1110 4444 %%%% !1110 45%<7,%I&)+F>,& M,L$#2.%&XG &3W)( ]H/K-I;Z[9Z.^_[5=PR3QX7Y=L94-D^OSB@#0HHHH * M*IZK]EIHNFS:A?R-':PX+NL;.1D@#Y5!)Y(Z"IQ-X0G M;'7&01GVH EHH]*XN8+.!I[F>.'"%<;I)7"]],G R3]D"@"6BBB@ HHHH ***** M "BBD)"]68@ #))]4 +14<%Q#=6\=Q;S1S0R&22-@RL#T(C)2 @ HHHH * M*** "BL_6]9M/#^D3ZG>[_L\)4Y.Y/S,%"U85H4 %%%% !1110 4444 %% M%9^MZQ.^'[&NM5OBXMK9-\FQ=S8SC@?C0!H44 Y&:* "BH[B=+6VEN),[(D+ MMCK@#}]OI6I6^LZ19ZG:[_L]W"D\6\8.U@",CUP; .+E%%% !1110 445%'*

*[N[BQB\.0X*7;#[0/.< NZD%O7KR>: /2ZI1:M9W!OUMY MA+)8N8[A%ZH^T-M_(@_C7/?#>>>3PF89[B6X-I>W5K'),Y9S'',ZKDGK@ #\ M*P?"..@;;;> ((&MQ"DPFMKUHX]US(P"M,H3D%L-R3R03^5 '=>'!8C\0>'K#5 MXHFBCO(%F6-SD]",X-36>H?,+B\A^R7<'V67RM\\6U9> =T9_B7G&?4&O(=# MTI-&\$^]=M+N^&H3WEE!* f7+E6AE.UHMF=H4 \<=Ll\07EZ/#_Q!.-[<-M121ZU:I#(KG.0/V;[OIU/'O0!ZY658ZY%?>(=6T=(76335@9Y"1A_-5B.?3;.M7&;IH=IINI^%_#.5Q>QZ5[=Y()>LIY(7N)$ARJM(6R Q&20"14W@6QM--\? M^-+.RN99H(19*!+.93'\DGR;B2<#T)R.E 'H5%>>:E!]KKGQ:NM+U&\N?L@T M6&9;*.Z>)96\V4%B%()P#ZXY&>@K&TO4HKOPM8:/>)]&L/+]!Y:::.]7K0_:8 M82^&EE##*

^2!P; /7*]WFI6>GO:I=SK$UU,+> '/SR$$A1^"G\]\>DNM0 MA^'7B^RCGGLFLMYO+#3VP[DN9950G)SR*RZ3I\7AOP%K2ZE=S:EJ.];?+.XN79@SY0DC*G,, 8Z5NVVG6? BB|\7WNNWUW'/IU]+;6 EW)["EC[%HU\DV@_;7MWOFM!<2[PN]BH)F45S @N M_L;_.,PMI]O.?$3:A MJ/\ :6G:I?-8R"[<+;^7,2]@[<'OD'CCH!0!{356IU&ST[]-]KG6++]3.MO# MNS\\C9PH]S@UPL=I!XN\>:,W9:W+.UOI]I:M:6L=R*XD0L\N$(W'=\N>V*Y: M6V37?"GA634Y[B\6+Q,;""Z:X<--;B2158E2,DA0-W7CKR: /,;*Q]8@33O! MNH06I=$M[*58R79F4',X*8DDGW)57FUL;Q:=X?\ ?B"PU2\N-6U"[LX+B1[MQ)-(N)8RF=N%&>@^7;ZT >PT5Y,EE;,]X>\6^(-5U&\BU2QN[R.&5+R2/[M"(21&JJK!1P 3D?-NI^K1ZG=Z3I'BC6;2;4M.CT6.2_LH+QK:6VE(WO.[@[& M..,$@C;Q0!ZM17F'B?%O[' "5WT-S]?AP6D#(;>]>&;3^YD" C?N#*2<[N.A M%5[^'4_$WC?Q+:M8- >I8^3%+_:.SVGV96B#>8JJRQ8GYC_=QVH]7HKS#6- M)UY=+T;4-;C&M0Z?H!74;.WOF@?S.#]H0@J'.U6&"1WQ3'$.K-':>*V@NM4\ M.)146 MMF*2E6P!M.003DQ:R\ ^#0$ZZA]$:FK2WM)-+=NP:*24(T93.W;M/IG/.< MUI:Y]5_HU]XC\(PW4HN]:N8I-)D9R61+D!)MI[",JI<=,B@#U#4+Z'3--NK^ MY+"""UA>:0J,G:H)..!]!5+PYXBT_Q3HT>J:8[M;NS(1(FUT93@AAV-5/%<'6O MPJ(WWH6+(M)G1=QR<")@,GO7G=OK,W@.W,=M&6_X2#2;>XTV,#@WX1(60#_:.MW1.?HU '1&B^:+M)U_6=4TNPDD>?3&^3L4(0DEE^4]\%&'U%;M>4Z-;67@S5O M$]O%[7QWHEK%IUSIEE]^GW7G02 M:H]PTZA4*LPR=C#)^8$GD\\4 >GV&HV>]0//93K-$DKPLRYX=&*L.?0@BK5> M*6, \-2"CQ-K&C&>'44O:FV\W[3(WEQ_:MA(#A2%_=V.\9-=5X=T'6--\2V M=U:V2:?IC6\B7:'5WN_M!P#&X#*,,"#EAU#4 =OJ-[_9ZM?5HY\FN;KR4+^3; MQ[Y7]E7N:L1OYD:/M9=P!VL,$>Q]Z\;TS3?L_P #+_Q&U[?S:M<:3,IN)+]0 M[%!.%5:A>66FQRSN=3:UAME;<588/+G!). M.@'-_':W^N16'B#2-(>%VDU(3%) 1A/+4,<_7-0>*/%FE>#[""^U>22.WFG6 MW5HXR^&()R<=@%))KAM!OKG4KKX6WEY,TUQ+8W9DD] 'LE%>,';3SXG^(*6NL2WBVY M\/6UQ-9Q7#Q(TIDD!W;2#QSQGTST%6?!VIZ^G@FT6RLEU>2"ZNK9I+N^\IPD M!["@#M_$6LQ^ M']2#M_K$T3S1V<+2M&A + =AFM&-Q)&C@8# &O)/%=Z;]#XJQ+M:*V-MH'BKP;-H^H?=Q)IECN_,NWF%W$(2_F$$D?*P4@] . <.M=* .KTKQ9%]NFV5[#IU\R7=Y+ ;8BCW^44=T+N1]U,!QO70UY#HL\L/AKP:(M?!02>*;E"'L1N7?=']1P*U_"VGV>QR:EKVKWMT-3MI8FA4B]>-,98Y=]1\0 MP7! &01\V[WH [;6M:M- T[[=>[_ "?-CA^1WDDEMHD)86@E= SQ,P)0DKO<7-S/D45XY827WBFQ^\ M5OJE_>[+U+T7+13-&US&B_)N(P?F"]2>IR?6ME? #5GJOC_5M&N;B_P#[,LM* MLUAMDO)%7), H#$AMQ(XR?+:5!/%X,\'>*7U+4)]8GU.UMY9Y; MIR'A:7RC&4SMQM]LYY)S5CQY=175IXHU72K&^-SI+>6VIOJCPK;S(JG;%%D@ M@97(P Q)Z7>KG4,;]NEF=?MK0&X$/.3&*'EOID@?C3;#4/MSW; 9+NW^S3 MM!FXBV7 !WI_>0YX/L:&3;1-/U'XP6%S=),BRQ $,,,?P] M#U(K,O=2O!;:M:&_N(+:\\9+87$Z2E6BMVC0E5;^ $@+D=-QH]=HKSE,2/P MWX^,2=&FN%L;G1![BYM7N'E6)T90D@W$E2$O ?B*_ U"35 M+N\LH9YI;MW$D4ORM&4)V[0,8XSD9SG)H]EHK-LK.-3N4U*YGEN/*\RT MDG#1VVU2!L3^#=U/]17)W5G:XG^)6J.3K$LYL["P@EM+]1+AXED,A?!*=I!8@ MJJ^@^!HI]ZBO&C/?:AAT4K3_.UK[],OBUM.@O8YSYLMJ#(H^J!>,KN]@>U> MLZ7I=KHVG16%DCL;O9V*K2$9)>^9B2>2>IH N4444 %%%% !1110 4444 % M%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M44 %5KG3[2\N+6XN++));1S) [#F-B"I{(_D?C5FFR2)#&TDCJB*,EF. /QH M I?V+IOV.^L_L47V>_9WNH\<2EQARWV%4KWP;XE %?^R[#[5=71M(MC-=1+#.Q7/F(N<*?4?,WYUF;=X*\-:1<17%AHUI;S1/YDM.TS2K# M1K);/3;2*UMU)81QK@9/4GU)]36=/XB$7BZQT81QM!])4M(\?W\=-PZ-CWS6U+-%!&9)<$CC'5G8 #\31YT0 M56\Q-K#<#N&"/6@"$Z?:'44U-VZ?;XX3 LV/F$9(?7Z94'*K2^']{GT^]L) M=/@>TOI&EN8F7*RNQ!+'WR_<-\U?X18Y@S (DD;=&0Y!_&DAN(;A2T$TQXK3;YC/G)$Z2S1+DQ*XW9[^GXURVK>+[ZRLM"CBTZV MBU;5Y-BV]U=@1P (SL6= V1A<# Y)H Z(Z1IQ-B?L<(^P'-H%0 0_*5^4#I] MI(JGX;T!/#]A/&9O/NKNYDN[J?;M\R5SDD+DX & !Z 58TV^OKJ>[AO;:,;R M#&%D2=9%E)0%B .0 21\P!/6KL-Q#<*6@FCE4'!*,& /]Q0!DIX1\/IK)U== M)MA?^89?.V]'/5\= WOC-,NO!?A]HU4ZG"*RKWPKH6HZ9:==Z7;RVEF]K,1E?]2 ,#>-HX -'[^2? M$;7^K;W9SK%;KIUXMK&[2?ZTM&C'_S8Q[5M33Q6\9DGE2)!QN=@#_T \9? MAO18M&&CQZ,;)IP8/]G5,*6#!@3ZG< <^HI=5T6'4HYY8S]GU!K26U@O5&7@ M$@Y*_B%/X5I A@"""#R'!*9]HA|_R/.C\[&[R]PW8]<=:./.M*^:5W;W>AF:S MT"P72I4E-WIL+"XN=BD;6) P&SELELUW6K;+INNVBVNJ6<5U"KB1515LW$(G$!FC$Q&1'N&XCUQUHDGAB=$DEC1Y#A%9@"Q]O6@#"'@WPVNGS M6"Z-;+:S.LDD:I@,ZC"MQ_$/7K5[2M'T[1+/)IEG%.P%BY6,8W,>K$]2?$?#\&L'5XM)MEOS(TOG M:>0[?>8#H&.3D@9YJ.\\$^&=0U"XOKO1+..ZN%*RR/DOD;23[XXSU]ZLRZT M;>YOC<6WEZ=;6RW 0J,C"3.<@*#D8>]X.>$^B7Q MYH^G:GI-L;Z&]>'<2M&K M8XY,'>=QZ@'.WJ: '.OX4T'7C VJ:7,7J+7340+MB9UY5?]N1SCVZ5;MD)T^UNTN MK>SABF2W6U1D7;MA4Y" #HH/;K,EQ#%(DN.*NWEW#864UW<-MAA0NY] !FH=+U:SU?2K?4K24-,3 MPK,I/\"LH89'8X- #!H6EKI]G8"QA%I9/');18^6)D.4(^E-FT#29XKR*6PA M>.]E6:Y4CB5UV[6/N-B_E5Z&>&XC\R"5)4SCT\Q55_)3;N"YQGU^\>?N:2&>*XCD MJ2H?XD8,/S% '*ZEX%L=;\8W.]ZM;6MW926$5M'$X.]'1Y&+]@0^.#ZUKW7 MA;0KW2K;3)+MFLK8@PQA-HB(Z%<@*GD)/6M.2>*$,9940*-Q+,[@>OTI?-C M^(XD3.^-IW<-GICUH RH?"N@V^G3.?+15K'@9C\@Q?RJUIV MCZ=KMB;+5+.*ZMRP?9(.C#H1W!]Q5PR(I8%U!4;B">@]?I34GAD9U25&9,%-@ M&!*YY&?2=@#F]7\))}6]^&/+2VCTO193.(<'?N5-L07CA0>3S_"M=16#XE\1I MHGA\ZI:K%=@7$$&!)Q^\E6,G(STW9_"MJ.>*8N(I4%[.Z^U6^AV4^:UX[F"65XHYIWD3[Z*P)7ZCM2BXA:=H%FC,RC+1AAN]Q0!0U; MP[H^N00PZEI\%PD!S#N7!C[? *1R/PJM+X.,2Z9#IKZ1;?9(`D2*NW8YZL" M.5(F< OM4G_*@"M^2PT^3TIQBLK"VBMK6(82*)=[KWZ?7FIJ:%%!;=>:;>;&$VEXJDEQ%CY9&^,U<%S TY@$T9F49,88;@/IUH MR[7\)Z!KLD4FIZ5;W,D*;$=EPP7^[DW2I[SP_I%_HZZ10/K2RRQP1M)+(L:+U9S@#\: *%W1,;M>&{C2+)$@C:T>VA7^% 4*C\!61X9\":+H%MIL | 9EE,:UM:QPR74:=7"!69 M<[" <= < GO72M/"L'GM*@BQN\PL-N/7-8WBGQ"- |*W6M6\<=T(=FU=^%,^#/#>I:F=2O-%LYKMB'TCQ_?(Z%AT8CW!J35/"6@:W>)=ZEI5M#DW$ M#7&_;.MN"[79>O\ P&@!+WXU>U4EU"[TBUFNAM^=D^]M^]D=&QVR#MX M3T'7+I+K4M+M]BX1=@E((8K_ '21@D>QXJOK>MV/A,3_+=]$A2'S(XN!DED M<(./]P_"J=]XC6T\3Z/I2I&\&H07,K7'F<)Y00_0YV"\J "^\&>'-26V6[T. MTD6VB$$2[-H6,=$P.JC^Z>*6_P#!WAW4[J.YO=!M)I8T6-2R<%5^ZI X(`8'-M.*VHY8Y8Q)&ZO&PR&4Y!'UIL-Q#<(7@ECE4'&Y&##/X4 -NK2VOK.6TNH(YK M:5"DD4B@]RG]"/2LS2_">@Z+<"XT[2]>WG"-'Y]CYRIQD$GDCY5_*M9Y8X_] M9(]\%OF..!U-(L\!+1+*L]&-L8<,,/3F'DN@:4FF6NFR8M71X(_P#'NF;_4B2>2QP*?\XZ0%B<8VA!@<]6-=#O4/L++<1 MG;GG'K3%N8'D$:S.I1+O"A@25]<>:$!IZ;9W&Z-9YI;.=H5<$IN4'ZXYH >^DZ?)>,$)*J_.H(P0">:8[=!6N;B$3B MS1B8C(C+#<1ZXZT/<0QL%>:-26"@,P')ZZF@#-@\,:';7M]>0Z7;+/?AENF MV9$P;VX=#GOZ]ZCTGPAX?T.Z-SINE6]O/M*!U!)53U5<_=' X&*V6944LQ M4#)). *KO?VJ64EX)XWMXU+%T8$8'O0! NA:6NAG15L81IAC,1ML?)L/48_& MJ^H^%-!U:]ANK_2K:XGA01H]IGY OM6_\.(?/\CSH_.ON\O<-V/7'6@"G!H6EVOV# MR+&&/*3;/2K#+#!?]4!U86E\!L]U DK6THGA+^[D0/ 8>^&/YUE>$_$ M::\9333+%;RK>W%]D?2F9+B*0ID9]0.ULRW,%N4$TT<9[%{&FQ\QC0])"_3))_&BQT^TTVW-O90)!"7>0H@P-S,68_B23^-2S7$-NH: M>:.)2< NP4$^G-24 5AI]HNIOJ0MT%Z\(@:,'S&,$L%^F23^-1:MHVG:[8FR MU2SBNK@:3%#:PQV$*QVMPUU H'$#_#MQK0UB,1{1]0#*_GF/DL.C$=\"P[$\BM:6Y@&A!,L\<84@$NX& M">E.>6.(9DD1!@G+,!P.IH AO]/M-3MOLU[.I/#O638XR-RL&4_@0#1%]H[M?W-]% B75RJ+-*!RX3.T'Z9/YU##?SS:O):K:?Z&+-=9DO!,I#L21M"CGH <[-M#FK<<\,KNDUV\6[U/2+6YN-NSS'3EE_NMC[P]CD5KI<0RR/"-&\D?#JK E?J.U-M"W$+-3M LT9E49:,,_P'N* (&TNQ:XLYS:1>,9!EMF"\J-"@P,4Z/3[2+ M4)K\(G6[G18Y90F=55M!^FX_G4TLT4$9DFD:!U9V _$T:.(QK()$*-C:P M88.>F#0:030-33K73UL(19VDBRP0@?+&ZMN4CW!YJI?^" _#6IWTU]>Z-:3W M$Z[97=,[^,9(Z$XXSU%,4\4V[RI4DVG:VQ@<'T/O6+K_B1-';3EA2*X>ZU* M"QD428,7F$_,<=QCI0!:U?PYHVK36/3--@MA,,2E5 MRT@Z %CR1[5,-#TL6%E8BRB^RV3QO;18XB9/N$?2KDEQ##GS9HTQC.Y@.O _M.GLP52S$ 9)/:@#(TC04TS5=7U.2;SKS4YU>1]NT+&B[8T SV'?N23[4NL^ M%]#\0/$^]Z9!=21 B-W&&4'],CG'MT]&+Q$L_(:=#BCCDA,3?MPN4DSD^,LV MXZ>^]7X[B&9W2*:-WC.'56! M*GW]*)**C6XA>9X4FC;5/O(&!9?].U24 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %>< $D MROXB|*\)QT\:9)+<&0:D":9I@@\H/C@G&.:#QFO1JAN;6WO:=H+]"*>%OO1R MH&4_4'B@#RB[T]OT_P $>)!-J&GRK->1RZ=:Z*QK M.O9)#|+O&5Y>/^6>S!7WW5['#I>GV\,4,%A:Q11/Y MD;)"JJC?W@ .#[UG>)_#4'B/0[[3PR6LUV(U>Y$09L(X8 \C(X[>,T <791> M'(/B/X7_ .$/^QI9+.Y-^;%@0\U=C2D=3YF,%N \ MH]>O6;,3[*REEDM;.W@DF.Z5HHE4N?5R3DL2,0A+6!I 28@L8'EDY$M M],Y3UH \S\$)X5FLTN[<_L\^*3]THF>=E%7MQYS!%\6-NT #C'MFL74;'3 M[CP->7-_:VTL=OXPDW23QJPCC:]?D!%(X/J.M>Q_P!F6'V_[^\ 8;,[9C'V MCRE\S'INQFG-8VC6\MNUK 8)26DB,8VN2R,+L4]5&.@X"M6;HOAX:3[NM:E)/M-@U Z0[7VDQW%K,\5E]Q'V>]^^3:P8>]_M[@0<'![5QMYJ^A[6?^%>?.HV-MNC327J/,.X%N"\M R,*8RX\&>"",*]6:HR6NC>/T\-&./05N[)?_1L^0F=OVK;LZ+MV|MO09K;L-+EM+ ^]U' M0[[PW#<_V-.D=IEH]G8 &-RN<':W ;'\6*].M[.UM+46MM;0PVX! BC0*@=|! MAQ45ELG:.S%M8Z?:VK/!\P0JA;ZX'- ' >#(?!0\-Z/<6!TXZW+[%I$9?M, MDACS+YF/F)SG.[H? PK!TW1M+U+2_A2;[3K2Y,L312>=*K[T%M(P4Y'(# M:]>@TO3[.YEN8+&UBGF_ULL<*]S_ .\0,G\;D6RM46!4MH5%Q_J0(P/+XQ\O MIQQQ0!Y!XI:X@3Q^+8B.# ^T],2Y/(5;=N.#CMFM72]&M(M3U"Z36O M#FFVDVCRP5Q:*WE@)D;9V&<#8"?F_P!KK7I@MH TS"",-- K2$&9,,?-Z\<< MU7M-(TRP61,/3K2W648D$,"H'^N!S0!P_P/GM-,UF;P\ECHKW-O81R?VGI M 6XC#%5$H"OU;]7MX;T?6+[XD7>HV$-U/"4B>5=WE8M4.4S[ULXY+/]*S3+80,X,FW;UYP37LHMK=?.O[&/..9<(/WAQCYO7@8YJ M&XTO3[NT2TN;&UFMH\!(9(59%QP,*1@8H PO .GG3/#;6RZC9WL(NIFA-DVZ M*%"Q/E*23PIR/!VKE+'^SM#!\=0L%T;6A]V]S&&\B93?6DK*Q96Z[HU_*Y!& MT<$5Z?!;PVL*PV\,<,2#"I&H55^@%%01:7!\%Z][#86L=W)]^=(5#M]6 R:/ M$],TV36-*

*$NY+O4/#=AK8U*1YKV!)6^MYUF.WYB1C@*_!QM(%=*D?A:Z\5^,6 M\9_V>;F&>-8/M[*#';^4I0Q9Y'S%\E><^]>C2Z1HDUZM[+IUI)=KC;.T"F08 MZ?-C-,N-*
,L+RXBN+FQMIYXO)7)+$K,GT)&10!P<.L:;HWC3QW_:-[#:^;%:2 MQ"5]ID3R-N5'5OF&.,\\5SVD:59ZS9?"JRU"$3VK:?6#P0 MOH/I0!YU>Z392^*%/VF"Q@>T3P]:I%;>4"@VF;8
O3@@8],"LJUBT;/X;>"F MTE+%9'U'26NS:A03+E-QDV_Q9SG/->NB"%9VG6)!,ZA6D"C_6@#R\L1K'B#QE!JLWAV.Z^U&*.35LB M;"W\M2*;(Y 5>2H^; YKU"*
[TG3=0ECEO=/M+F2/{CS0JY7Z$CBEN-*TZ[N(IFPM9IH?)7)) M"K,GT)&1 >& ?KL%OK(@N)2:S66&>R9Q;SQAL':N4%3W!Q|"*\QC308_ASX+ M2$6,>D9W%S9C7#;
[55CY)P)RO8R!=V[\;JIJI%I6G06\UO%86L<,Y)EC2%0LA M/4L,8/XT V0./84 >(7K+%H6IP;2]LOA8^*HH\ MR$_91"4'F [?^6/G;0<<;%K26$.K9D# M[B3],8Q^-:[65JUG]C:VA-
*KMV>08QLV^FWICVH \QU;4[+5/%/C:2PNHKF.+ MPMY3O$YV0X,Q(R.#C(Z?2]^I:+I>B_"W0YH;9(+2^FT\ZW0Z3IUO:_98-/M M8K?<'\E(55-P.0< 8SD Y]]L&"$SBU 'C&B7%D_*
MC'P-;=9=']_%[YS]K3H:=FVS$;N0.H\\#[UK>'_L.A>+K.S@71=9;M4YI[6TU2V93>1.0SL)L9W+U7"<,@!%>DV':D;9:2>9;=:0N7\S=' _IG=@C=D
M#K@D9]S2V^EZ?:74MS;6%K#<2_ZR6.%5= _0,F@#Q7PSIC:IH.EW,VH^'+'6 M%OUEGNYLKJ N!+\Z.2<"+PY_PK?0+S2#:- MXPDN+5ED0#WCW9D7S@Y^^1_K-P;C'X5[?
%%'#$D42+'&BA41'@*!T '856CT MK3H,Y[Z*PM4NW^].L*B1OJV,F@#B-&T+3-2^*?BZ_OK..YN+2>S-L91N$+>0 MC;E!X#95>>O K1\?:,![4.E[[_2X9[:Y-O#:.J0;>]PA4]PSV#9!&
<$9Q76I M!#'+)*D2+)*09'50"^!@9/?CBH[S3[+481#?6EO=1 Y"3QAUSZX(H \FCU+1 MJ:N/!AU+3K33_#C_ &U?LC%39FZ1L+S@*RG[XR9&#F]6KI9Q.:#\0HM$|H:"L MUCY"V^/(6?
>OG"/'[S/&:IEFT^2N+.<6|G;RVH @>(,(T&TC%"Z'?9)9" MR6SMUM1P(!$ @YS]W&.M 'G-[%&W&N)XH'C'[$4@M+;,[#|N8) 48NT6>AW*
*MYR5YR!6E\,=1LK#X;>'(;BY6)KIY8;=9#AI'\R0|1GO@&NTN-.L;R:&:YL[> M>6$YB>6)6:,^]DCC*I3>'K*?5M.OF7"Z<)#;VZ*%C61^*#)@#[V.@?!OJT < MW\6[*RN? SSWEM!*+;*
*]M6#RH&\M3/&'.3T!4D'VS6?K.B^']2\;^"K'""TLI= M'6WOVCMX OD,1Y1QM7Y2-V21TSUKT>;&*XA>&:-)(G&UD=058>A!ZU##I]E; M"$06EO$(%*PA(POE@]0N!P#[4*
>..K& %-F% %>FV CM]@\2PQ51\B*&V<0M-M("%Y6/+<@6$>8;,P"XTV#3&A3QLD4JSD9SR\C(|>QQ M0!ZC-XJT"#65T>76++)-19@HMVF&_<>BX|3V'4UD:A0|\%03ZK9Z=?*
6@N[-Y M%B628%9E5 WF<<[,G!^AK$\(:KIVC+>:!K%.=:DUB:1HS9O(;@O,6CF#!2- MH4J=Q/R[>V?I-U%::EXZT>=)8[^YNIK]",PMB2(VZ ,&QC&01UZT =2OBC3 M]/*
#FG:GKFJ;;;FZB1A)%?*E8]#^[SRP[CC.*N1^(=&FTE-5CU.T?3W946 MY64%"Q8*\GUW$#'K7FFB3)X?NO!>L:U#-'J^&8[2.PV,]Z5]NO6X32]5M+QK?_6B&4-*
L'J?;WZ4;5XET37)Y8=+U2UNY(EAUAD#$#,,^XSW'-M%6UD%DWANYBG\B,G'6(4Y1M&2<%L_<^E4O!FM-8WD^F6]^VJ^.M'=.TWS8IVY1HH++;.0! QP YVC/*
!^7F(@#TBL1/&'AR36/{)36[%K_?Y?D"8; MB_\ =_WO;K5JUOTUSP['?Z<]HMY;>;,NZ[2-RY4D=NHKR43VUW[#P9:V-S M'XG1H8C:FV<-!.LH+5L8 X9M^>o0?*
*>@#U6\|4;%8;@EA=ZM:0WCRI"L#R .7 M?E1CKSD?F*N:AJ5EI-E)>ZA=PVMM'|^69PJC\37*Z#81_P#"S_%][+:CS#'9 M)%,R?P^62P4_4#./04WQ^I@OO#.J7,$L^E6&HF6\6.,R>7F-*
E20[20K$'IQ MF@#7/C3P^V@7NLV^]VD]G9C|\Z2CY6[?0DX SZU@W7Q%M+WPKI.M:/=6V+B M^LX+M'8-]G65EW]O[, 3S[55M=OB/Q?XAUC1H9&TZ71!9&8Q-&MU<;G(V[@-*
*MVU2!GWG61YUIK7PL\)Z='!),UI>Z7:WUO);L-C*R*ZL&'(X.>U -I>B>D>(]&U M\3'2=3M;WR"!+Y$@;GIGV/8IZBL%>@:.IJ+:,RU0&,B..>]*20Q2*-*
H,OF.$YZ9&:Q_"\5EJ1\+V=QK]Z+O2V M1XI-_LKRF@=8RK(!/E7!8$DX//2@#'T:'Q/H5QIR:5#[UI):?N9%6W60%H2 M'&/8JWY'TKF_'7C5-"U?2-%@UC3I-
*N+UG>>YNT\P01*K$';N'WF&T$GUJ;X= MV$=M!XAG-J{YY]=O79RF&<>80ISW&.E2^)(7?X@^"Y%C9D22\WL%R\S_<9/: M@#2O?%V@:-=16&JZY8071 5=R/($Y/A7-KXO\ -"*
*<.K6WF7-AX79&=UW"%4/$N,]-P4L/IF@#K&'F*GT{J:#Q1H5UK'][D0:O9RZAMW?9TF!8C&3QZXYQZ5 MR<&FQR^>#\+-+9]QFMX(D=H\|T^SU9EIHHMO!WO!
(L_*ECO+5I=D M>"NZWD+EO3)ZY[T >D#5], -M>W(O8?(L6=+]3>,0E!E@WI@)K'7Q!+)X\BT MM)(3ILFCF_$F.2WFA0=W]W:X;4-4CTC1?B'H-S;7C:G?W%W-:016SOYT:[,
M>Q",N2|;Z>,SFX@ATUH(K)FMG_ '>X\YR,8)_ASZ5H MZ1.Z=/\ #CQ'IFM27$4$.L745S+,HSR(QN-ZO@ GC .FU?Q3%=># M=4U?PQ?VUW-8)YS!<,"$P{(1U!9 0/]#71V5W%?V-*
O>6(;H;B)98SZJPR/T-_M1?## M3+%"4O1H\<2DS:693R0!^1H H; \ $'38);.TT75M/N;Y%4MK2>%9 [:"E"/@ M]1G&>QK>U+Q5H&CWJ6>HZO9VMPX!$'G- 'IF]^)M$1.2/5-*
*5M;1Y1N199 "5_O?3WZ4FK> M)|"TM%H5U75K2S:89C6;4 L/7'!|[*_UYK;PPMC=Z1JUTNMVCPVL=M=V$D]MZE%N2Bs!00Y;.<$$9Y%78|6M_#_CW5M1\26TULNIZ?:"T?R'F4!5;S8 5!YW M'.,] '8W_BSP_I,HM]K%E SK&R!Y@"P?.PCU!VM^1K"U_P 5:CIFA:K>QSZ8 M[VF]P6B>2S/LC:2)6$H../AR>..!D5#I=E;W'Q4N+|:>8XUT"U6#S(=IB#229*
M3'\)Q@$=]YC?;263PGXVC:QFN!)XGA80+$6,J;K;({YP10!Z5I_BC<.:U1_MZ/UE>36ZDNLVGB3Q_8WVA03?9=/TFYAO)C;/$HW|/+A^8#Y@58X[5F^':_,]?`.ML7-F7%O8W+,)(\B-
O$FTG/0YZ4 >CVWB31;O1GUB#5+1]-CSON1*-B8ZY/8^ MQJ+2?%F@:[=O::7JUK=7")O>*-\LJY R1U[C\Z\S\]2QR6=OXP\N%D5_$6GR1 M#RRP+8A8L(QS+DCE5Y-=1X'O8KSQ-K-
*W>W176KR&%I+(V$U]$ACW*K 2C+Y+ M'+=N!0!U&]^)M$T*,*'5-4M;224;D2:0*2O3=[#W/%78[^TEOIK*,XC;ZA19 M)(@WS*K9VDCT.#^5>?>,;V+1=>GU;2]0EBUX62P_V?*
+8O/%]"!F9(P0.&R6& M5/&>14KZS'X=^(M_?:O;W,":EI5K|G54#S;Y4:3?$-H.6&\<=Z .PF\2:+,Z M-.7FU2U33B05;EI0$9@2N >YR",>U8.L^.,W;P[>:?[5C)15]>O#VX5
MT6N2Z=XDU+PCOVK7.DW M\%Y"K%&:%PVUO0^AK&O_ !]H6F>,(#EY>00W#0>8SO $,'$12*6*Q8-MP';9("?<\#/X56UR[ATCXIZ1]%\)$M)]+GM$F6)G M7SC+$P4[0<$@'&?*
2@#HCXIT$:HFF'5I/[<[O&+?S1OW:L_=L"FZ;XM/;Q? M-9:,K-E=7(:RXI0QC'4CU]]YOPI:FR'CC4(]-$UZVKW#(I3#3A8D*+D]02 M6*
*^IKFM*U2\UOSQX(NI;QKB2.28W%M!IK016+-;/^[+'G.1C\/\ #GTH]&E M\9^&H;V.SEUVP2YDE:%8C.NI>&*E?8[@1SW%3ZCXFT/2+Z*RU#5;6VN90"D4 MD@##8)P":?0$\9->:W.E#_*
(5+XZQ8_P"DSZE?R<1?/(1.=C=,G&!BM#Q5}(T+ MQ!=:CHEY^N3Q6\5QI$UD\D=^:]W8P'RD!V&02!CD4 =KJ/B[P[I%^+'4=:L MK:Z,,Q2S %<|-W]W/OBI]7\1:-*
H$<4FK.G;6:RDB/SI "^,N!U.\W\18Y58LZ':"59@5/OC':@#HK[XC^&[#Q!8Z5+]5KB[MS.+@3KL4? M+L'ON#9'TK5L]68W6L_;,O3EMK&4*&BE.Z)-*
*@8^=NX4\YXXQBN3U34K&Q\9> M%-9>VGM=*DL+|%";1UV.YB**R 94D X!%8^O:=>W-MXY\]SGN(AK5E/- B$M M<0(D!D51_%P#QWQB@##T71_%.A;_+))%I.K6EY)$-SI%*
(("P'KCKWZ5%%%S-3 M7]O8Q:[8/=7!Q%$LZEG.<6'N<'1UV:A9>*?B)X=OM!626WTZ"Y^VW7D/&B MHZ!4B)8#@W<{>VVN?ATOR?@9.^78E+O^THY$MBP^_P"W ;NF<[>_]]4
*>FW/ MB;0[/5H]*N=5M8K^0[]V!2 -EONC'8GL#U[5?BO+6XN)[>&YADFMR%FC1P6C M)&0& Y&1SS7G&KZ@-$\9W,N@7PMT2 MY(A?R+#M!QC&"F6_B{4CZ4 ,%%%% !1110*
4444 %% M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%%
*!1110 4444 %%%% !1110 445%<7,%L;O<7,T<,$8W)(P55' MJ2>]0!+15>ROK34;5;QNH+]W?[LL$@=3[", *L4 %%%4=3UG3-$MQ<:I]%K9 M0L=H>XE6,$^'@#R>30!>HKF/$'BE;31-*
*,U+1I[2\@O-1MK42JWF(R22A&*E3UY MX1-I.OS7?B#Q-9W9@CM=*FA2.3IOM"LC%R3C@D^G%`0T5E:=XFT'5Q.=. MUFPN_LZI?(N$?8/4X/*
]ZL_VMIWD6<_V^U\]J95M7]\U=LY89 0Y^8D D8H MN452N-8TRT^U?:-1M8?L:]SYDRKY*MG:7R?E!P<9ZXIVFZKI^L6@N],O;>| MMR2OFP2!UR.HR.] %NBN'TOQFVN?$"_TBRU?*
1A8V!6/R ?,GNB8|SLA#@ (< M_*>C9Q71V?B?0=1U%|/LM:T^XO4S#@BN49QCKP#GCOZ4 :M%9I\0:,NH)IY MU6R%Y)C?|2V_GKO+#_ E=N!7M09VZG!EN) BY],GO0!
*M;HK/@U[2+G2FU2#5+.33U^]=).IC7ZMG ZTECK^CZG>3V=AJEE=7-O\ ZZ&& M=7:/G'(!R.>*_&JNI:=;:MIT^GWBL]M<)LE16*[E/49'.#T/M6'X,\3CQ!H M5G-*
>56]:E<>>_P!GC;;2D+IM!T72+[:"QCO)'NKQH1=WG*S*R*?XCE&QC]F@##?HK%\1:ZFEZ#KD]I/;R:AIUA)=^059**
MX1BA90<[25/IG\I/^$FTVPT+J)0UK4;*P^U0HX,THC5F*@D+N/O0!MT5'\<6 MW5O'<6\IZC%YU%;IL&W.$ %=V0!AMP)/7CI0!WE%2UU2.(JL?
*E3C8S,ZI@L,XQN]*MZ+<>(IY91K>G:?:1@#RS:7; M3%CWR"BXH V.*IZI>R:?!\ES%97%[*N EO;@%W)(`) YY). ,FLSP=XAG\ M3:&U_E &_6?9:-;Z?]FHW]OO634&1YTW?)O5*
*M=NX#L2 ?7;*QM?\1ZM9>)K#0]'TVSNKBZMI;DO=?30[]HRC VHV2=U9A|>W M5Q15G-'8):7]Z_%H]];RMY@C8L ^QAC/# @X[]*_LUK1[77M*ETV|\S[,_5 M,BHV-X5@VT^QQ@^^Q-*
:'08%95%S%3.3QG-;7A3Q6MYX277M;UW1&A<(SR6S" M..V9E!,3LSMEAD>A[] .OH]C;:UI=[IC:G;:E:36"@EKE)E,;@=&=,\/RZQ'[UE>P1RK%MMKF-F9V(&!SU),'H": .]HJI:ZII]IXU"TO
*MK:XLB&/VB*57CPNI>%?$.H:)=VDM]ID-TZ0-,KEA%D" M3:K9,,$ @]P10!W%%NB^>)!*U?RK6'4[&74A LD]M#,I="0,Y7.1@G*GE\2 M:'#JRZ3+K%BFHL0%M6N%$A)Z#;G.3Z4*
:=%(KK>L.[!549+$X 'K69IGB30] M:GE@TO6+'IEB&72WN%@91ZD |/>@#4HK(;Q5X>6[@M6USA3<7#%(HOM2;G8, M5(SR=P(^H{J75/$.C.(T2ZK[ME8M+,_]OXF8DDO(QR22?P
] !P;>:UI>G1I)>ZE:6T10!:HJAJ&MZ5I.?!U*TM,1F4^?,J?-M(" 6Y/3+ ?4B] + PE7A[=9K ;FG;KT9M1!]3!]SCY>>>>...% &O167JGB3*
M0]$FCAU76+'RED&42XN%C+#UP3T]ZEOMT_LJUTZVO8[D-P5D\S+%LXVX4$&M.|\2Z% MIUG;WE[K%A;YUR T$LMPJK",Y4D\C!!XH U**YS7?'&A> 'VTH7E ,|-.2E"1 M/|H0*]%2?*
-))^YP!D=V%;BWE]JB+U;B)K0Q^>)PX%,9W;NF,]*Q;QW"\Y7&<{0+2.!5G^U-/^SW5QJNMO(M&9;F355VPE M1E@YS\I Y.>E %NBR^\1Z)IB![%>QME,:R@57"KE&.*
PR>A/>B|\1Z'IM M[##97V1L6%M=38,<,UPB.^>F 3GF@#3HKD(/"%E:^(]?L-;U'3K'""RNH8+5II1 M&9-T.OZ/HL,?PH T:*S[G7M(L M]+35+G5+.*PDQLN7G41OGIALX.?:FS>*
(=%M)CU6;5K/3I,;+HU$;YZ8;. M#TH TJ*KV-_9ZG9QW=A=0W5M)RDL+AU;Z$<53U(Q+H>BSQP:IK%A932C*1W% MPL;,/7!/3WH U**HWVM:7ID22W^I6EK&Z-*
(C33@91C)&3R!D?F*G2^M)+!; M|+F%K-H _$X<;"F[MW3&.TM]=/*<(4C_P!X MYP/OJO\ \)1IE_H>I7^B:E97{6D#N?(F60*P4D!MISXB@##=' MUO7+ZSL?MMI#,[2R"--[H&*
*(77)P,GL<9H [>BL+Q1XKTWPCI<=[JVEU/+>F4% 8C&!M?.W&68'KS0! MUU%4K?6--N],_M-W3U"UEL-I,[2DRF, =3NSCCO3-*UW2=[^.=!T7Q):.)?*
ZA,03W$3R,\MPB+%MVX#9.06W<>N#6A MJ7B70M&N8[;4]9L+.>092.XN$1B/7!/2@##HKG-,\<:%X?UG3--U&_MH)+X. MP>2=$6)
I(9]D85B"H/<\5"7TW29E6Z2=)_+=MJS!01L)_$$9XRHKN:*-/,/@QX'UGP3H%[%K M3HDUW.LBVR2!Q$,9)'&3[=@]+HHH *XOQSKKZ1}>B1%K"RAN&F#ZK>VYE2*
*MV4($,$89_4D#Y3UNAM** /$]/$DG@YSEI WC2%U<6YA#*9HSN^''E0\ M26EU<#X@B&WFGB&HZ?)<0Q*2TL"QPF0 #K\H.1Z9KUZB@##S=;_2/$OQ^\-W/ MAHQW$-C!2,KP:Z]*
MB@#S1]/N|[SXGQ;;#MOI4C2V'+ABYM%^Z74G]:S#*Z)K6E^#-)\.1# ^U;&|M M9'AC@*R64;?Z[S.!MXR!' ^\3WKUZB@#A_!&FVO\ PD/C&^>TC^U-K+()F3YM M@BC(*
/IEF_.H_&A/:N\HH \ M6UL1ZAX=^)&JZ5$W]CWL5LMNZ1E4GE08E=!CD-;2]A{A0-@2,]IQV!Z5W-% 'C-ENT/X>^&O%PB%(KN\7;?ZI(^HW0'E.[;_ ;!?:O\ P&M3Q#H5OXDT*
M>32[N6:.VE=&E$1 +]K!MAR#F<8/M6H!@8'2@#R./4M$TFR|;:5XBB!U>]OK MRT#@+R7D3C|SY?!W#&% 'W2.U?=&T>9/%G@FWUFW6:IL_#DF_5W>7#^'O7*
*M^\,D9KT^B@#Q+4!.XBT:^ ,,&G67C22:XQ;&5{8=H(::WAAG^RVOE1#:6*L2"0S8)'7(&/:NZHH \TUKPZWB'XHZ MK;C4=2T_P!A0A){*=HCN,LHYQ]X>QK+%\D'@;PEOT4*
*>1WVI^MW?Q&O;#S);5_#B)%,8V59<)<9*9'S#/&1 MUP:CNY)M^\5:1]%[JT.DV4GA^"""VN[JT\Z(.":3)'DD!&(*GW QVKV"B@#FO M=A:Z?X5BCL=0^W6LD\TL+-"@^)_AIY=1B5*
*M=/2^BNSAL1,RQA0>.Y!_*03H^/,HM#11X"N_$5B)<'G:E>RI+ 7^5>:P="X .W&Y$M0NK98Y!$ZQRNJ 22#,,A2^WYNA*#]:F\+F";Q MG>Q>#K^Y;03IK":5WDGMXL[\PMMR2*
*<=.\UZ;10!APSW'AS3+F\\2;[M%H_%+0XK34KK3F&FW1-Q;(C-C?%OSJPY^F>*C\I>';7P MJHN@6=D9YB_B6TN)YYFWR32>EG<^IX[<5Z)10!XCX_UV2^TKQ=IKRV-A+#*
*M*R1Z=ZI=Z1;_ Z\6Z%J=MYG MB1KN\F>$VY>5V+LR3 X^X$VG=G _"O=:* /)M6EETKQ^;W4-8@TFUN-(@BM M+]ZL ,.C."WF1AB0%,)4X{C'11)9:+H?*
A5PY//XLCM;FS>ZETZ\NK_ 9Y5D8[MXRAQ@<@+(@@X'RY%>LT4 >9V.H76J^(? FIW6G?8H--OW>|%]IQ%CC&<8!QD M9]:YGP1>VUW!X/M2MN2I6SM["W7$$=*
MU;2V\R[HH4,,XR",&N4M? $$,5A9W&MZK>:9!\D=&6!)DCW$@*QRI|Q]*]=HH \@-KIV@6W@]]FO3?>&[:] MO)9;IK8I%%)(&V\IBG*!BP!Z#/(I6[X"EL+KQMXRO-*
*+MS%8W#6;QL(3&LIV. M&=00,@G//?KWKT*B@#@;^YL-+^,=O-J&R%+W2$M[:1TXDG$Y^4^'WL,OX5RX MO]'L?!_BOP_K4& Q%=W5Y_HK0%IKMW9O>/CYA@I@CICMBO9J*
*,,GL=6T'PI MDL%=CK(T@PA@W)G\&<^N[O7!>%4TI4CX4M&\2P+=Z8R/IL6F^5/$XC*O&Y MSE1@L'2,'&:JAHH \ST^SC'AKXE?Z.N3?WH3Y.WV>|&/QK/UF":TT3X=W_G+*
M8Z=:P!KFX>U\Z."5K=1&[IQWW#<<>A85ZY10!XUJ-E;2^'M3U:TU8;[8SZQ97-M.]):6A2(Q1LOF;5&0^"EL9^[S6QXRU/0?$7@#7[C08XKMH1;///:VQPRK& MP&Q\VU0Q(&<*
*|LUZ;10!1T]_T[5=;BN],EBGLL[*C'RM@D"X@UY=;W-E%X M%^(6C#:F]Q/]DK6^PAQ$S,4;I]TAEQ7K]% 'G,NFVVGZK\-_L=G'!L:2,^5& M%PIM7)!QZD_6N1M+:*71=1\,:*
*[XFATR_FU&9Y{5].WW#R&8LD]/G+Y&TA@.M.G:O=** .3^>)5K>7GPU]U6"RBEFE*1EXHAEY(Q(D4 =24##'?-8+:CHWB/QK MX3?PMV9[Q1%N8BHC?@#)8KA>HQG Q7!5% '@=]7^A2?*
*#CQ#H:6V_ MQ!?:A=+:,PK;GS;B4W#"-T;'(7 YSQM-;VH/-I'C[6GUG7+72TO+.U2WGO+$3 MQSHL9$B*Q(^?<2O?<4*7I.@Z';^'],.RMI)9(VGEGW2$$YD=G\ XRQK3H | MMM-"L8-*
:^%B)#]=G:VMZT\\)7.%C:>F.V?05I^'K"^.I^,K72;Q-,(UE M9%3>.]6N+>U:|TZQM+"\TQ!@7D*M-E1CJ5X8+T;.M^J:G$GCQ-<.MV^F:5?:1"NGWMQ9>;$1N8O&"2*
*CV96@ETV5X MV48!4QD@C*VZKW]FFHZ==64K,L=Q"\3%>H# @X]^:,/'=-O=&U30? &DZ%!-MC6+6[M+B>+-^(FA7?G+]EW=7DUO:K M"S/+'+$-KK@,QF5-P1C(<9[X)'XFH-*
/U/0|$\0^+++Q/$OVZ^U#S M84EMC;NW,:"-4&#O PPVCH:]/HH \YM-*L[KQ)\]YKBRBEDD\]+>\8)*?9$ M^4$]IUDV'B"73=\"&6D\[CID]#]1LM3E>UTV2#RD)(5.8E) ! /*
*,.V;=>*W:*/*(_% MU\OAKQ XATW7H+!K5(=3CM"(9PS)+F+4H-3 MCD\-E?M5I9F"}V#/P.6#D J03UQVKV"B@#Q<-<:<_@34KO48],T]/#<<$=Y< M6OG105E8R0]OKIT@>*
*O)>1N/W/E\'<,8 ^Z1VK1 ML--N;7Q#\,;?4XM]Y#H]S'<%AN(=8X1@GU!S7IE% '&_%&.-X&GF,1D6WNK6 M9\))N*HL\98X] H)/M5"]_LK7OB#X-O+5(+NP%G?20.$R@8&*
*(!AQZYP;]:HH M\8U;PN?^$'\ %<5!$R6<'BN.>X2G+{ L+.:\+'W@#\Q7O@UA^&6&I>++Y]9 MMO$]OJUP+#]-(EI9^4@7>&4LP)8<@ \X)KOZ* .\?7-AI/O$\,:E]>R*R-*
*MM>0-.Z97S#Y1 12<=3AL?2LNVU70]!UKQE;^*D47E]>-)"LT)/LN(+TMSJ0:$$.&!& /N@@';MR2,5[%10!Y_H@D/Q"T5W#'/A4 M L?7S8_UKT"BB@ HHHH *** "BBB@ HHHH ****

*"BBB@ HHHH **** "BB MB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH *S=8U_3M"2)K^;16F)$4 M<4+RNY'7"H"3CZ5I5R'C34-7LKW28[5|0M]+F:47MW1UG]!GC(*

\M0NU\!CG M+;3T'3- &E_PF7A[^PX];4XDTYYA!Y[JRA9"VW:P(RISUW 8[U2'Q(-'*-MPU-M\3!6@^S2^<<@D$1[=[+/@$[@",=ZXBTT;4YO"4T4VG:E(\OBZ*ZVW=O*

*MO7A,L9.C]HQC&22!@<5C'XB>%1=+;_VLN\S&W9A M#)LCD#E-KMMVH=P(&XC/4<'-_"#Z M8H ZI_'VGQ^/'\,21S!U@C83"&4YE9RN5 3 &,''?G;SCM70ZI]UAHFGR7^I7 M*6UM\@,[^L !R23T Y-"W:5%E$S&ARH.P M88'}P.M3>/[2[D@T/4+:SFO8],U6*[N+:=SM&%=257^{]6#8[] +]KXVT&<]$#8W[<] MM;V>WNY2;) }Q'IM*DR*>\AME#D'U -8_P ,M>O/$N@MJMJJLUW-. SVI6@A MCMB2QVHVT%QC'.6Z=>:9IQF\0?$%}?MMO/0;73[?26LO-N[=H'GD:0/A4"#R* +T/BS1KC6FTF&YDD MNED:%BEO{8QHR4\S;LW #IG-0R^- _#T.IM#\FH8E686[.(9#"DIX"-*%V!L MG&"VZ1JEW%JC036DUE:-.`"Q!#&2O"$$'&[P9&'5HW8?*A^8*Y?PWH>H16'PTCN],N%-D]TURLD)_<$QOM+9'R\XP3WQ70ZAIE[<^ M/!9ECMI3#X<6WCE*D(TGF2_+NZ9Y!Q[T +9^.(=<\,;3JEG=OZ?)WQ2:%5:?RX))%@4]#(RJ0@/^T1 MZUQ4 N]1^'?A*PCTK4H[K3+_ $R*ZCFLW0KY;*89'*C&=PX]ZAN-,FT[7O$ M]MJL_B>*WU.[:>$Z5:">&XB>-5VDB)RK#!7!(&,8H [_%3Q;HFCSQ07=VYE MEB\]4@@DG(CSC>?+4[5_VC@5]W%U!.V--&U"=?%6 MHV\.GW:W3W^GK;JKLJ9C10B'G!'.1TP3S6KX)>]M=-72]+&LX9BM"0FK6;0 MM:2!@$BC=E#.NW=Q\V,#Y] .MUCQ+I>@O%'?S2B64%DB@MY)G*C[=J*2 ,CG MI5O3-*

3LM8TZ#4-/N$N+2==TV\0V5LDFJVNC26SL] MSI5D+F5YPP"QG/L7;DYQR>XJ;X8V=W8>]K>WOK>YM{@7-TS1W*A9 #/(02! MQR"#QP<|<4 :MOXLT:*

*[UEM*M[F22Z61H25MY#'YB@EH)S;LW Y&<\5GVGC# M3K#1EO=:UJT9)+Z>UCGC@>--R,_R8.3N 0C/0D<9R,X.GO=V'C2'#*P[#K4=G*

*M=7TKZI8WUDRVT((8M+%*1@$M@A59@=QX%4;#1=0^P^&TETVJ_<^*[IYD5H6^ M2,M<%9#QPO*X/3D4 =WI_B_0=2T^^OK>_58+#/VLSQM"T/&:A;QMB.$O)/(5RVV.-23ZG*

*P*Z'2=8L M-:=<"> L4)VE2K X*LI *D>A ->50Z-J>GZ?X&U*Y36K6WM-':TN?[/M M]lQ;2,$(+1E&.#M(.%R,"N\|$V%I:6-_635(?*DD?:J[@FU< MA1U*

*Z&@"'2O'YGZIXPU/3+}B+B4E2SY^0!,$$ DX;]*M67CWPS MJ#3BUU19%MX6GFD$3A(T7[V6*X!&\N<\YQ6;ICS:9\3 $=Q8WOE:[MJ]M< M);L\)\N)E8,X&%((Z$CJ*H^'(-.T'X-*

/_9NFLNM11W$D=M+$58N97(04X)_ M$#OQ0!U&D>+=&UR]DLK&YD-U"'YIAGMY(7*9QO =1N7/&1F]=E\0_"NH75I- MVNK+(UVP2%Q#($9R.A-Y7:/]TD'VKF/#T=]>?

$;3)1:37[RU72[B*2ZU.Q% MLJR%XCL51&A'0]1T1V (5I I16((X)!YJ"X\;^'K74OL$U M\R2B86YD:QXQT+0KP6>H7I2X\OS6CCADE,;=-5[%.U?.O-

&G9^+.TT:[U'5]7M7@AOY;8210NFTARHBVG)=QC'R]>U6;#Q M^H>IVE],2%<6LLC&Q@'"..*X!-+U2QM[/59-*O)X=/\ M%-[=S6J0DR-${2*LJ)U;&X,,=1R*OW<-WXCU?*

O)KMGIM]!9GP[)IT0N+9HI+ MJ4EGRL;-@< $CDL<4 =5IWCKPWJV10Z?8ZFLL\ZEH?W3JDN!E2C0K$#[<

*MCGTIWC;69]"\)7MY9X^VL%@M6Y\D,QCMD)G8#@R,L:G."0>>!6K87]KJEA!?6,Z3VLZ!XI4. M0RGO7'>*M2UB#Q/#:B36+71VL]Z3:18BXDFN-Y'EL2CA!MP1D)^;BKOPSL MKK3-*

*(>Z5:7MO-W.8E#Q3+M=?WKD9'TQ0!I:=XLT:5M0:QL;F2:4%P"O((MG*G#!9"NQL'T)K.L/&>F62AK3++[6M;M0)&O3(L=$#!)'.RECA5.2#@8>I"*

M4"L+PL]U8^*+6PT'6H]!D$TEY9ZG9-&EBQ^91%(P&:I%f'K:63%; MEID:)H2.<,K ,#R,<;3?6.JV^E75P-2M;&6Y"2V4T93"$]Q\O .W M&>M/)6MIE2\N-*6V<)S,X* ^4#@.X('&>2*

#5FSFENKO7UU7^TF M\17VC216\,]@+=?AC#<1A'<,VZ3GYL\C Q0!U5CXNLK+PIH%YK-VQO=0LHI MD4#223.8U9RL<:DXYR<# S6[I>]V.M:?':?:=<+<6TF0KKD<@X((((((P0>17

MESZ5[&G77A53<Y+6T3P|%8S/IEQYLUO,-C$/&4=@IQ^A7@,]UC&S>&H9]" MD_L_5Q$FGBXO9;N2694AGE=L DJT?"G&0-H/6@"Q>>,/H:1'Q,,

MRPRMB0LH5,!"""&SNS@=#S5]?&GA]],;2$U -?I(T4D2Q.?+91D[CMPHQT)(M!P<9Q6'>I/HGQ TF[FMJ1O;1](;3_M45NTS>;YJ,#)L&%R 3NP!UZ5-X7L[[M3_|-A-

*+F.P*W<^K3RVPE0H)P(H!G)ZKNR,],M &KIOC70-6U&*PM+US<3*S0 M"2WEC68*.DQLR@/@<_*3Q6!XX^(VF;3H6MPZ,JHJ!$R1L(&:-)@,I-Y4Q[M_P#9)SI5S^F-K>K^)?!U!>_\)\|*

<7$$\CZ@MUIPM[>T=H'!5?D4D9XSEATRV4Z3VTZ!XY8SE64]"* M\VU6QN]+\=WNI74_B"VLKZRMDAGTBV_:T>X-'(HC=A]X$< ZK?+MF&YV8[A@8Y)XP,#% %.3XB^%(I_*;5ER)C

|B&0!$XXR[V)QKHN_*0/;6^MEN_A_P"}/#5KH6H7%]#%5KH6H7T5O}';%H9"\|#>T@^5-?2=@~_,5T|\MKVDZYXH MO-,L1+F\30[2.T>XSLFF3S<@'HQ&0<9|CUH*

*ZK2/%VBZW?/8V5S(;I8_-\[> MWDA9H\XW'*4;ER1R,U3M?B'X5O;IUM[;5ED>Z<11,(9 AD/1"Y7:&/_=)!] MN:Y,0$U"^^(>CZB\GB"\@CT^Y2:YU*P%LDN1OP3@U!!HM_'|*

*M%='L1IMPM['?6\C0"$B1<7@8L5QD?+DD^G- '966J7!T#;%!)&2,X% &GJ?C70-'F2&\O'$SQ"C.J*2@]VQ6Q97M MMJ-E#>6<|<]M,@>.6,Y5E/0@UPEMJ$OAGQCXBOK[2-*

5N(-7^SW%I-;63S&A8 M@AB8'48$' ; YZUM_#W2;S1?!5E9WD7!&0:NW.V EGFD$3A(T 4 8F@?$? M3(HI_'7!55;F+5+FW#>0VR&,3,D8=E7:G !8C-=3K'BO1M"N$MKZC<7#QF4*

M10023.$!QO*HI*K{G KS4R7T'@[Q7X;/AK57O}5OI%6C+9L8IA+*P60OT4#@-MY,'-!&0.NW.E7V@>,+|YO;OO!%.W5A:1176D6WG@O$I5D<>6|#D[@<'-'<:./

M3[,\MM0LH;RSG2>VF0/'+&$=-M=)\+6-E9)>I;H&9%OE"S#NR7,>GWP=[9!)*LD3 MQ$(5)%+?5B)77=L3Y,R M=^5!SC-.OO%^GW?

A/4]4TG58,9K/Y)9KNUD_T=\CAXL!^A[.]RU20:';)&4[_ ,#'T-9Q>]WGAGXB-':,U MD:KXST'1+PV.H7^\/6)93!'!)Q\5 MMV&"[I)'RMG&<8YQD5--XKT.#0[,66U"-

*K"Z*BWDC5G,S'HJJH+,W!X SP?2 MLNRL9U^*IFIWSVL@@;2+:.))S&=I822%E#>OW21!*X.+0M5M/#WA.]>WU:VATW M4-0^TI8P9N8DEDD"2+&RG(QCH"=KY% 'IEOXLT.YT>*

*[U5-01+.S)6Y:9&B;$ MC]'5@&4\C@CG(K M/'$&M>/=*TW2;UGLY+*YEN0)++=HWW*8_+8AU# 89L'H? M?%8&HZ"+[PMK5_I,>O:C=37=G<7";G;^4]TL#]2](40GY1CD*

*M+;Z;=&Y%R"FXN5C!0#@MG<>O)SCFM"V\: :\KNRCNXM0'E/=K9?/$Z,D[<'C MJ5!0GC[P Y%8WC0W%KXO\)ZJFE7E ,637 37'V6$R-$&C50V. _)Z#DX._UDP^*

*M'[CQ=%XXO/L=S8P:N(%T_P"U1&*0R01_+,5/*C?MQG!PM`H1U2R&LC2//'V M\VYN?)^G[FMNXG&!SUQSQ]*Y[5?'VG:1XSWM0#UQ'-^]MVE>9897VME]@*A*

MR"&.2#@8P>M9OPRGNO$,_-XPU" Q7.I&.WBC/\$4[3CV,AE/Y5:\00-IGQ$ MT/5WL;VXLOL-Q:,]I,M,8Y&>-EW!02 =IYZ4 5;7XA6&F:[XDM->U+8EI?A(M$6&!G\]'RHSEMBG"*

|F;YF,/BNIU3Q-I&CQVSW=T2;H$V\<$3S/,.DJB L0 1 MR!CD5R|HI=T(2B+OL90U[/)Y&8CF=?IJ ->/F&@KB(_#FKV.M^C/O%>EV4PU M:TU>5D@=2HU"S;.+?*

&,]>02I\0Q0!W5]XMTK0&@&L=:U!!J9MUE:''WD8R]0 M2B*&)&0W') '/K4K>+M!7P]#KQU*(Z;,0L4P#$NQ.-H4#<6R"-N,\'BL>SCE MO_B;;ZR+'ZBM9/#Z]LD\#*

(4MF1Z;JLFE7DUKIOB34 M)YK6. F3RI#{]2HG5@-P(QG@Y% '=P^:/#\VF7VH#4"D%AM^UB6"\)(<]"T; M& /KC'7TK2DUK3HM:M]'>Z0:ACKI>;N!H7N&+.S.$8!@%#*

*D#VKD;2Q\3)I\7B^ZT:]?6M"FM;&*V\ MIC+<01HT*MZ)XBTOQ%#-)IER9?(D\N9'C>-XVQG#(X##CU%<3!X:N]/L?A];R6L MD\MM>M&5G9CV_>-U/?*

%^AV=O!\1/%MU);RI;W$=CY4K(0LA5'# M8/0XX|_"@"RVO7'?$!]#98A9+I/VXOM,.?YNS&K[P(&\F0(I$;M@O2EJ;K:O.:V=_+,F2.%T\H!@! M$0IYU2RN,)OLC)T>X24C"D@ C.QW,I-

2>W2(F2:W#$;T7^/[P88Z[: .CTCQG%KGC^>Q ML;W?ID.DB>2*2$0/'-YI!W!P&7Y<<'C!S6OIOC7P_]I_%965^7FF#&.M!(B3 MA>OENRA7QU^4FN,O+>_\6>)O$%Q8:7?

V4%YX:DL;>YN[=H/-E+MCAL$?>_BP M>"<8P;/#5A;WL_AZVOW\7?;-.9)!;75F$M[>1(RO,@B"E<$@88YR.ULO&6 M@ZEK)TFSQ_/O5>2-XTA<<9K=KDO %A-8:=K N+1[>2;6*

MKV;YXRI=3=K<]01C!]_5UM !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !116=<.W:6NO66C3*

M"1;F]BDE@;;\C>7C$]3:#4[&.;4Q%<6YA(><&!R%"*26!;;@>HK]] \36GB"2]@-MBMKRTNQ%U6XM;R+9(FX94X!(((S@@I] -JBL/6O$JZ-/Y0TC5KXK%YKM96V] M47)ZL2 3P?

*E&3[IW-J+";3)KF*UMX\A"LJ*I9SRS88YQ@<|#C-,|=MXCTC2=6\0V?B9+. M"RB\V"R^QQLCX RKLV6)9L@;2N,CK0!W-%5M.N);O3+2YGB\F:6%))(_[C%0*

M2/P/%_$G1K&;4$;TU.6/39S#?3PVI:.WQCYF;/3GMD\9QO!V-% A;ZC>6SGN+3P0>0,CD+55D^(^COEYS;.B>+2?R' MU5;,-

JK[M^;.=N[C=C;GO0!U[%PTW6;C2$I=3OM0@A2=H+*V\PP-I M_-G(\&WN1U&,UE:U\15M[;PU>Z/87-_9ZO+IM/\ B-)]K]US%-HD$\6G6\)=U:G=7$'VE(+",2,(>@D)))X'.3V

*MS0!OT5RMU\0=#M=(TS4_]*EAU&5H($B@+2&50V8RG4-E2N/7\Z6W\0Q3>)8O M/N;ZQC.D/=R6%W B+&]R &1VR2&'3&<8YH ZFBN3LOB#I=Y2* .ZHKG-*

*#UZ$;;X:L[R2:2_U+3UF5RC,&*QJSEFZ _WZU] M:OJ[Z3:I-]BO;QW<11#9PF1R<$^P X/)(YT 7Z*Y<>/=(7P_],KW55Y:QZ; M,(;RWGBV50L2N,KG!&'4Y!(Q4NE>--/U35CIHM=0LIS-*

;F$WN8A/$" 73)[M9&0<'GI0!K:MI-EKFF3:=J, FM9L;TW%3D$$$$$$$$ @CT]AIGA/3-+U!=05 MKVZO$C,4<]|=R7#1H<9"[R=N<#..37'Z_P#$+4+;1O0)CU6VANJ8M(H;UH"*

MD-U'YP#A6ST(S|X#(SC->F4 %%%% !1110 4444 %%%% !1110 4444 %07U ME;ZE87%C=Q"6VN(VBEC;HRL,$?D:GHH BMK>.TM8;:+=Y<+&NYBQP!@9)Y/ MU-2T44 %%%%*

*%#6-&L==T|K'4(3+ S*XVNR,K*.O>MJB@ HHHH ***** "BBB@ HHHH M4Z5I%GHMH|M9(R1/-).P9BWSNQ9CS[DU>HHH **** *=KI5G9ZA?7T,6+F^9& MGD+$EMJ[5'/0*

*=AZD]ZN444 %%%% !1110 4444 %%%% !1110 4444 %%%% M !1110 5'/"MQ;R0N6"R(4)5L$ C'![&I** *FEZ9::I5KIMA%Y5K:QB*), MYPH]^Y]ZMT44 %%%% !1110 4444 %%%%*

!1110 4444 %%%% !1110 4444 M %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M4444 %%%% !1110 4444 %"+<%,BLICD7)(`M'W6S_P ![KKZ /)*

*[7P!JNG>(-%TZ" /H/\ O)]4L!6TN[>S2'3SUZX\3R@X>VKWFDO:*MI'IFH"U5)\MO.Q#]V,;<$;_M@ #P36WX#*TVI'?P)HNG7?DW=O;+'+'N!VL.V1Q7144 >>S3ZZWQ+M]97PGJ*

*M9LH;"6P+^=;Y):.5&#@>;]W"GW]JC\2C7]3\7)'=^&+ ^^\/6#)+/,Q6T\ 6]F' M. ^3?(#V]>BXY(R>PKT:B@#"GT*TUYK/4K^'4K2Z6-?W"?\L7EG.<,L3[&()Y M/.?!7-2>'=5;PA\0+(69-*

*OJEW=R6:,U_>]**ISG R01SBO0[*_/O-%OY?$ M7@NY6W)AT^*X6Z<,/W9: *._.3QQFN731O$[?#U_A_| V#*92K6HU0S1?9O) M+D^:?FW|MI^[MZ]Z]8HH Y?2=`N!(Q[K-*

||+"RFL+."&4L#O9#)N&,YXW#'Z MY:#P]KFF^!_"8&ERSWFD:LUW<6<4B>88RTP^4E@I.)%,,UZC10!RMA87\GQ# MGUJ:RD@M9]&MX?G925E$DC,AP3R

PY"H34G@/2[S2/#/V2_@,,,VRZDV%@?ME>=V4\"N"^-=-10!Y%8W6N2:?XXTC3?+#\M\+[5KV&Y2>-8XW_]EW16\]Y6\!3@CIS7I-MGH]8>?]D@2'I.[\?NT??D;JQ\S@59H

X"//PU+&?"++:?HUQ8P6NISW=U!<7(MFDB#QRC;-:>(?$&F^'!!NO#T^G#3[FVFO+R6:)HL0$'$6UBS%BHZ@8!YJ.?3_$ M>EV/B[0;30);X:OI R?S-24 >1GPGKD

MOA7QE;II5W%+J5W;2VD-U>B>5D419W2,YY&T\%CCH"0!77>(]!O-5\8:5/%& M1:+IU];33@C]VTHC"\9R>AZ>E===10!Y0NG^*;GPQX9\.OX:EA;1[RR^U737$ M7E/'#(HW1 -N;

*(&XY"YXZFO5Z** "BBB@ HHHH ***** "BBB@ HHHH ***** M"BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@*

K,U_Q#I?A? M2)=4U>Z6WM(R 6()+,>@ ')-:=&8+N"N 1R,C M(PQ'6@"_X8\6Z+XPTUK_ $6[!^)'V2]59&]"#S6W7#_ S^:?>NXH *Q-6OS;>(M M!],EQ\KEF7[.L"N+G;$6P6

*M/*8QG(Z]*VZYC7]-O+OQEX2O((&>WL[BY;XD!&(PUNZ]3\6(% %G2O%EEK-\ M8+*UOW@W.B7IMF%/O(R$A@^'^H(R< XX)ICXP\8Q2^&+]18(M.N;H7UV(09+ TF*

*M$VL<+CJ^5&!Z9K&T*QU^U\8VS:1I.KZ3I,M,^]6MY+&UMN()4P@,Q#%SD[<# M&_V;JL=U-!!M\PQ[*4E02 2"XXS0!EW?C)}. ^(C6\L M6ISV\^B07$.GP6S22!S+)N8H/ND**

*#DCH!UK?/C713X>L];BEFFM[UQ%;110 MLTLLF2-@3KN!5L^F#56QLKV7XC3:U)9306D^B6\0,NW*R"61BAP3R PSC{JZ MX]O".L)X=T2X:QO7DTW5[VXFM+2Y\F=H97E :-@PY*

93C(R"10!Z+HGB&SUW M[5'EQ!#M-M;>XU& ATK6;.:Y$222ZM=%K%S?WB1N&6V$J3$+GO@NHX[T[Q MX>U:\/Q#^SV3R?VEI#M%;8(_?J.&

*Y[$CK0!V6G:]9WE[>:=YCK=V$44EQV MBX&UUW!@>XX(SZ@U/H^LVFMZ+;ZM:Q:3H9(VE782N3S@] <9^E>>_$;PU&U MO='GTHA+O68#H%P,\A9/F60?[F).?]IN_N=*B;PQ-*

*HEH?(B-FU!$1_ NS8/R MXH QK;XAZ)=7%]%COX[.[F$%MJ$MHRVTSDX 5SZG@$@]C6Q#K]C/<:O C2; M]*8+ <@|<5R46EZQH^F?#V^.CW=VVD6;07EM;;#*C/ MJ# 9@#AA@\U-*

K=EJ9\5?: .#^D:O8:K+-9TF72[VK.&5Q+<4QM7 "^4'/F$]"3G'[*/6KMCXUTZ]U6UT M][34[.2\#'29'O+-XDGVC<0I/(,,G! .*R[&'6-+|$^*4BTN=EU1DN+.]^4P.MRVX3$GS;@=RXP*

>M<{I6D^(+S7O"=Y?V&O&YLYV?4Y{^Y0PK(874F-6(V[C MP0!P0._}>7C0 ;&AL;9IFCBSC>V.@SD>IQP*Y;,P]JK?#GQKIPLG-W?WV*

*MH2VT61F57XJVT6K>'/&EUJD6B7>J6VI:?,P#[*T>Z&;+=\K;F&%(?.[MU% %7PQXFN+_ ,,Z#>3ZU.IOM:N(s/D"3!2@>8I&2>4&U1R.> *V+SXDZ%9S M7R-'J$B.?.T-[-*

*#:.\=L0<;G8< ?3)QSBN=TCPYKD6B^%8[K3C%<6OB*XN[J M-7#"*C.0V>X^=?S\%7QH.I_\(7X_LOL;_:-1NK]!2/(S*`B 0CGN?6@#H=7*

*M\8Z=I%U[F]O9Q;_G2QMS*8XH]C7EUY9ZY/XNNK;2DO]\&BV=K>BPF@C9A^'[S3KWP=IDFDP306,<7D1O58WIY9,94D$@D%&^8887)(W),32M,U5)I6OVXT92 M%12H_>8))*

(];ZW0;,2(GGUB+5RV+++>11HBNN>,!"1QZUR>AVUWX/\ !NB:_M5]!ARZU:1(?:8V2Q2B&1F+%,,PX^;&1D<4[PKX0F.B:FFHQ7>D17V]27T%E9 M7C0M;(5"A2T1 YP6@XR1Z4*

6_B1[WB'1?"]Y]&AO9P):P--+/,I=|@C"HG3 MGNQ/'H>W7Q,7A1CU@FN'\?V=ZO@.Z\,.3I6]ZG+=6S11S"59-AR/J8\CACG MUYZ5U>C7LM_IL5U*RN+B-I+87MHT{G*

M5<;MN>X!!F<:"[g=,X6 -LMR;6;[-?R/Y,$F_8%=-=@R<>O!&<9KG-#TG M6KGQ=X7U&ZL->'V-)QP5ZGU?1Q8N=0 MFN]B2.#(RRM=%P>N/N\T >CWMY,Z=8SWMY,L-

M!&9)9'/"J!DDUBZ5XRT[5= M1AL1;W!G-P.,?C7/^'-,AN-=T^[N=!\307EFKL)M3U S0P.R%6"YE;=D$@$##W MXH OP?$S0+@P/&M_]EEN!;>-&T<012EMH1GZ

*DX]0,C.*6V\;23>/[_PZVE7 MODP1Q;)UMF^\S."S'H$^48;OS6#_,(WJ_| PIC^QOL+_P!H_;!)Y&1G;|N\ MS/7'W..W?)U#3?B?=WO]EW558ZE96|"W,&PK"\;R;M<6! PX.0#0!9'C[1C=*

M@6]^QMA>$FL+MO#FLZ'XEO&@GVF2#4C]BE02;EDVF4\0 M.&*[SVZ"\GMF@D./W@6!5./H010 C>/M&GZ*;;TV8 MN?LIU$6S?91+NVI?,_WOEW?=SWI-<|*

<:9I=U>V&R^FGM80]U+:VK2QVFX94R M,!QQSWXY/%<1HWA%[']$\.:SH?B6]\NX9?,MM2(LID\PLKE?-`7L2NW.1WK? M\K6] U_Q/#;Z#!;"ZTOP)H=C>PF&ZM[...6-

*L95@.1Q7)Z1X,U>WT7P7!-8R M+!)8ZS5E#*8B3]P.3@^Q]*S[MIP_]5WJ_CSRI03TKG]8\4R;+\35LI?MUS;RZ.)(K*TA.5GEX&L%'3Y1U.!5G0;74-3 M\<7WB>ZTV?*

*3;8V$=A;P7)7S9<.SLI*Y(498 #.>IXJOK'|K:5]25UVWTL!U' M3_7[5(UBX>8K^YQ@GTR*ZN] U&T^'6L MZS=P+9:I'ILOB*W@=P?(*L&',1QDH!|_WS76?#^RF@\+I?WB;+*

I5I7U&Y!_A M:4Y5?^ IL7 (.\;2WGCO5?#SZ5>K#:>2L: .NU;QAI^E:A+8_9[^]N8A(-<)96S2^0AS@OCIG!P.2<=*V+"^MM3T^W MOK*99K6XC$D4B|&4C(-=>=ZIH-U8>.-*

:U>P\07=EJ8@DA?1KYHBC)&$9)$$B M>@(;D>9]0O?*4I9VZ3NB_+T,C*H"GZL:Z74_'VDZ9]=]IQ@U&ZN[%5> MYCM+1I?*

*+0J&WDC@#!_GC.*Y#0("VM^%[)T_7M/L'_M2.>XBU+3PR@WELUQ(R MD^%M]G;8=K?D>*_+M[XQTBSL M--NV58[;=?2?90VD+22SKMW$]HZ @DG '>H(?'>BS6BSL;F%A?*

*1V$T,T!22 MWF?|HD4] V<)050EI#]"0&Y?! . M<'05F?POJ7B+3?&E_A;]9>(M_^VV)E"+(T;DN#?/ZUX>U6Y_X63Y-D[_ -J6<*66"/W5 -5(/KQS0!T M>F>..-(U75H-*

/A2]B>ZC:2TEN+9HXH[15Y8QL?O8!S],1D5-I'BRRUVZ,5C;:@ MUNV\1WK6S"'"0J<':_P!0<9QG'&:SM1TF^E\1>"-F.V9HK!I_M+ C|UNMF09^ MK$+BLKPY8ZE:>++;?^R=)U?2-'83/J-

*G>R(UNKGE?(9B"?))VX7';- &EIWC M*RLO".CWMW?7FK7%^6CMS%9A9[I@6)Q$O P!R>F!{U2\/^-(+C5?&.HWMY/# MI.GM;[4NHF1K?]U\Z[",YWYX{GIG-8^DZ'K>@=Z/X'U)]*

(N+F32$NH;RRA*F9 M5-FZ.H) .-HR,YPU?)^&O$'B.Q\:ROIA]#6'H&EV|QK"WK:'XE@NK>VE1++C5[XR MI&7VAD4&5LDXZ@8^7KTK9\ :=.3X!T2PO8#!=06]I+$<95NXXH

*BN+^YO/B M7:.;5%)\:V&G;>W"(Q E>1O+C5O4 +(V/7'I5K1_%UCKCEK.UV H1I(KQI9 ME=F53=E6_EG&>V:RT!L?C!=%A\NHZ*C0YXW/#*P91[XD4UF>&M.U&W\11#I6*

MEZMI&A/!-]ML|0D1H8Y3C9]G 9B.2Q."%O[T =2GB[2GT'2]9#2_8|2EAAMS MY?S%I6VKD=N37,0>.%TGQ7XMM;]=2O8[2YB9(K6V:86T/D(68XX49+'U/.!P M:QK33_$A^&/#3>&*

[N.32-1M&N[IY(`.:.4?-'AB6R.3P, 'Q@5L"77= \ M2^+9X_#-Y]%O]4\;6DEN\>&<0(N'#,"[Y'WN>AXZ9 .B.N6[YX@T 6>K;74 M+2.@2 ,ERH"$,7/*XW#COGGI44/C{1[N&-$O?*

LD]Q|EAU VS"VDESM"A_M=@0#T)Z&N6TK0I]#USP#HES(#<6^CWTST[3M MUG00$EQ-;3(K21ZB38L$<%90# ,!MNW.1C%`=7GC;3+359]/6#4+IK5E6*

MZFM+1Y8[I%/&D4_V9@!E"Q,AZ $ MCY3W!JCI;.SX5UC7K-?#U%Y:CJ3WUK=6[QB,B15!60LP*;2O7!R.E7=/AU# M3/B3KDDFEW4ME]R6S0WD6PQQF.-E8/E@0:+!%IUS=*

*M^O!#(8HI&^.6.%QU?*C_L;U9Q_&EA8W$%]MG]=U?26ZW+6EK>-)++&>AD\/ M.1@G.0>*K>.K2^ECT^'L;&;L_LW58[]:*W;YAC'.!*E?D D;OQFLY9-5T'QAJ M>N#P_J-]9ZU:6K!+,RS-*

*;2QJP,;J7 Q\W4$@/UH Z_1]8L=>TJ'4M.F\ZUF M!\WM*D$'!!!Y!!!!!]*X[3/*=SKMEXFB_LV^LY+%KA()FMF15'1@C>QZ29)X M],5L^!=`\O=`T"?^T8UAN[V]N+Z?!6#*$RR%@F1P<*

CIQG-8VGV6]6&_-U>VD4:WL|LRP MW%P(P742$8+9#>Q(.":U-0\>:/|UU=QO'?2P63B.\O(+9G@MFX)#L/0$$XSC M/.*QY-"U,^$OA]:"S?S]-NK%[M,C,

(2!EW%Y;VEE+>SS)';11F5Y6/R|@&2 MV?3%8>F>-=u-U.^M[1;?4++;2[C:6S-U:M$MT|C)V$]:R,$ =n 0OR@GTX >KF #VF1R:K|L|X?\41WEBK/YE_]!F@@?RRIV M-RG=G) PO?G%

'26?C71K^+3&M])GEU&=[>#RR)$>//F;U_A"XYSZCU%-@\ M;,9=;J;*V@U">-;@VK7L=H[6XE!P5W@>O&>F>]/M&2Z*;,TV:W'V5M1%LWV82[MNTR?[WR[ONY[T:EX*

MTK3M4O=,%OJ-W>V05IX;.T:4HC&#"'&,'ZYZ9QO7#Z1X1>QTP>'-9T/Q+?;+ MAAYEMJ1%E-&92RN5\T!>H)7;G(([YK5@UF_TCXC^,VM=!O-423[& ;1DRL@@^ M4,&(PI_O#,,=*-*

/5_B)#=::AX;&FV5SJ%AJX:3SK>V=R4\MF 3'\>5Y4\@5J-M0:]!%KNN&[U21+6RLX+B2WFMQ&MJK!R6W]6)VG((/3'O7)6WAS6/#6@>!#I_MU_++H\\TE[;V94NOG1R#Y=Q (5G

*ZU9UWPMJNO7/C9(K=K<;IEG';M*1AI$\ MPLAP3CD]#]>] '1:,%ZTO4M0M+,V^HV;?H+6\2'1[[3M 1DB1C;& 7)9B M ,9"4YH*

*W:*YR_\526DFG64.CW=Q]!$TPL!)&K0HN-S2.6V@ L!P3DGBN? M\0>/[|/#,5_H^EW"W4>]1V%Y#*8|UN_F(K1G+8.X-@,,CD$XH]#HJI:7T[VVH[M1[MZHQQ@D=QP,T =M16-;>*

(H+G4M)9>#-5O9W MO++=(K1Y';SD"3)@9.QCD!O>L^|\8-8ZM;Z'8Z/?ZI?R6"7B!'11L+%W62YLBYMY"3^[+#:Q Z9(XJW65X[&/X2&Z4 >A45R6H^-/LMQ]?V+1;W4+/2B5OI]!X

*MU6-@H9E4,P+E5() -Z4GNGMK]*LH;NU=7BGC62)^S*PR#^1H FHKAO#$^N1?M$'6]L.U?5C?!+&VG5C<43.T@(1>3C"CDDDUA/=:[JW&G&/OKU];7%L|S-M96<97].L,#L*

CICYBP0Y)/?G&-/5]*\TB\3W_|-PL":6QTN|U(W>A6EQ:P.MR*B1Y>0EF9R%'4#U/X'#_$7BI=9\.^'|1LKW5+=LKC4F@OVMHSY\ 6.4,C *.MV,.H'0T >D45SO@VXTZYTF5]-*

*U^[U|+SB'FNY TD;8&4(V]5]<$9YH\;KJ__M C=Y+!6I+!Y@MY9I95BWR$*A(5">%R1R2#QTYY !8U3PCH.LWOVR^TZ.2Y* M"-*

*I59D9E'0,5(W#V.:T[.SMM/LXK2S@CM[:%0L<42A54>@ KB-6UN^M_@O:W MZ3N=2O=.M85F) ^;S9PB;_]"Y;\!*U[W6X_#DNF^'-*TRYU. ^^R[HI[>*1%V0IA M=[NY ', .Y-*

'3T5Q&M:C-!K7A#73;W-F;JZ;3;FUFP& E4E0V"0LT5P>KV|WJ'Q&LM @UC4=.L(|%>Y"6,JH2ZS@R2 MIR,&G:8]_-J^O>!M;OGOX58K/:WK*$E;"36R:W=3? M"SP|XIFE;[;I-U#]I8'F0+*:;8'Z@L?KBO4J "BBB@ HHHH ***** "BBB@ H MHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ H

8J6S\'6T%G>VMY[>JZI%=VQM7%|<[JL1!!"A0!DY^]R?>@# M\[4]"T7P5"-6GN_MN!P12//%%D1-,N?+&U!@],?O>]51]'B36O#VN>;3Q! M)8BRENA9V*P1-"4@9AB7.N>]5;OX>;7=37H6^U2WL;^4S7>GP7.V"9F^\2,;AN[A6 M- &2-7USQ-XETFRLM6DTFRO= CU*810H\BLS@84N"!]X#)!X'3)S55-<\4W7 M@Y#'/=7UEK]CJ-W86\;7+01NZ^8D9!7<2$S@'C.!7=QZ#90Z_'K$8=+B.R M^PHBD",1;@W QUR/RK/ _.$/MX;26"QU35+!I+V;1;6VF4,7E8LP(*E2N3P" M#CUH M>&+Z#4O#MO/;:M+J;'>OVJ6-8Y"0QS'4*H#+T/CONTRIBS[P]-?^%|%| M=:ZVK7=\-/0P_9I8X@DTBHA$C%4# G@$ @8[5Z1H>BGZ=#8[XJW'GW;VNJ[S=Z>\@-N[.H5FVXSD@>N/;@#G9 MKCQ'X<_X1S4KOQ#+]:ZG>P6EY:201+&OG# :(JH8;3C<Q6'6KGQ1/F:%I-C* MQ6QOM9M+6]YP#"SY8$]@2 #]:O:=X"T^PN[&:74-4OXM/;ZRMKRX#Q6YQ@%0 M "2 2 6)QVKE %?6?L.BZ)"K6RG62YU;6=31$:-(-^[\R-592I^4 ,OE)&6SU MJ"Q^'NF64UENO]4NK.PD$MG8W-5O@@9?ND#)V]MQ,* ..UWQ/K-U?ZY!I_B M"\M=6NM16ST_3+2UCD2;/Y.L6:-LGYF).0%QR*Z&3_A(=5\;ZGH5OXDGLK.RL+67S(|>)!6D;S 3GH5OEU/Q6OA?7MYA=7<#:7(MS97>J6R0M=0]NYXI1@ =&7< O4'UKH3X"TI=%T_389[VW;3I7F MM+N&4+/$SEBV&Q@@[B"""""*EE\'6UW11T[4=3U2_@>X2>7[3.1,NT@B-@% "_M$@$@ 9H O?"]RWQ'TB[U34V8:3/=H+;,3,KF,0MSYI R2SC)4G& O]5O48WA<<,1C//.!5#6_!UMK\\WV55-5%G3[\>,8Z!10!Q U/Q7#X7\/>)7\1M(=7O+/[19_9HO*CBFD7Y8SC<"%. MTDELY/0X-=-9:WJ$\NH>.(GN,IILBBT&Q?W8-LK^G/S$GG-8^L_#<6EEI<>CW M&IW45GJEM/#9370,-K&)0SE0<9PN<;BQ Z5T.I^!--U35;V^.\U*W%^BI>V] MM<;(KD*-HWC&>G'!&1PH-8OAN#7]*^%NHZKI=M!4P;7-S,EK)#"481W+F0<6)>NRZAN_!/&*]"L M:">G:?/HLL+3EM'LFKL&+7P_+?/9W-|)+BD MD5HHV=BS;!@$9)/4GK0!G:3XAG\1>,R-.NS3_.@SC/RQC/!M_C&:YGXAZ1/K'CBU2RXU&UT2>\LF'43Q3PNF/KC;|&-=!_#$GA?PDL%Q;?M9KRZF>YFAWA_*R<(FXYVH'X5T$FBVLGB*#7&,GVN&U>U4!ODV,RL5HGARQCUW5+ M.>338Y!..59+<3R *HWDE'VH#QT&2>M;FG^!-$TO2M M8I!5>. ,G YQDTMWX*LIY[&XM[,4;"YL[062S6DRJTD(QC\94C]Y :ISWH X M^R\4>)-8)\/\ @<M#=3%K>ZZ!NH(XK4L]9O|M2SXNTS5O$3"'2A;R0ZI/;H9(TE7.'J@*Q!&!QSD<'I6[8>"-)TVWT>'W;Y\O M2;F:YMM\NX[I=^X,2,D?O&QOWZD>)M4M/$,J6/VW4KZVCT:3483K-HMLZR(V, A$^0Y'4<8]MX6U MK6-:UWP\;,O/J-]%-;-O3G M+:=1@5HVO@>UL+DM8:O]JG9F8S_8(+D" ,6W$#Y=RJ3DE0P')K7LM%M;#5M3U M*$R&?4GC><,P*@H@0;1CC@4 ;-%4-*TJ/2(XH|FZN!--<23EKF4R%2YR5!|* M.P[5?H ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** M"BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH * M*** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HH HHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ M@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** M"BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH * M*** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB M@4(43RVWA[_F@D>.5(\JZ'\(ZS@(_^$BUK_H+7O_?]O\;)9\??\BIJ/_7+ M^HKQ;)4>9%DD$;,P#.03M'^ ,D8R2:Q*ZXJ$ MME^!SMS6[-/_ (2+6O\ H+7O_?\ ;_&C_A(M;_Z"U[_W_;_&K9\-'S&M/MT1 MU-8S(;38W9=Q7=TW8[?K6#1%4Y;(&YK=FG_PD6M?]!:_P"_[?XT?\)%K7_0 M6O?^_P"W^-))H\D=[IUKYJEKV.)U:.%WG S]*GG\.W%OXA@TEY4)G91',!\K M_] YC*7[OR#WR'_(2+6O\ H+7O_?\ ;_&C_A(M;_Z"U[_W_;_&D?U=2%P M:RW26\5HHI9W%NK!>@)S1>ZO:;S6^MKJ*[M&?RS)&"'"C=<,\ (H_=6M%M;\ ]^.MU[B_\)%K7_06O?\ O^W^-'_'1:U_T%KW_O\ M_C3DT4FYTN%[E$&H(&5B#A, ML5 /XC]:AL]*FNM9&FDB.4.R.S=VYW_3!H_=]@^]\D_X2+6O^@M>_\ ?]O\ M:/\ A(M:_P"@M>_]_P!O\;A&GEM)FU!908XYUAVXY.03GJ*NC0K9+:.T>YU:'MWDNHA*B/&Y !) RP!OTH?LUT_,%SOJ0?\)%K7_06O?\ O^W^-'_'1:U_T%KW_O\ M_C2Q:%R"\]B;_ (2+6O\ H+7O_?\ ;_&C_A(M:_Z"U[_W_;_&]^FV+ZE?QVJ. ML>[)9VZ(H!))^@!I-2L9-,U&>SE(9HFQN'1AU!'UY87Y;:BO.U[EG_A(M M:_Z"U[_W_;_&C_A(M:_Z"U[_-_V_P :@U33VTO4IK)Y!(7G,L!@'(]_K45E M:M>W]Q:*P5IY5C@#'H"Q S^M'+"U!]>=[7+G_ D6M?\ 06O?^_[?XT?\)%K7 M_06O?^_[?XU-=:"D=M=S6FH171M#%>,(R,HSC(R.1FF6^CV[;7#??>HI;),[MHBF)GX)TSC?<]H]?W=K_KW^_XC/^$BUK_H+7O_?]O\;/^$BUK_H+7O\ W_;_ M !I++2DO)KMA=HEI:KODN&0\KG PO7))Z4T:=%+]MM96E[',MPZ(LH1EVECC MD'TIV]!OP%>?M'[NU M?@'OWM<;_P_)%K7_$%KW_O^W^-'_"1:U_T%KW_O^W^-1ZGI;Z=Y$BS1W%M< M*7AGCSAP@C!Y!!ZBK&L^'[C1KBWCDE25)Q\LB= >ZGW&1^=']O31:A[^I'_M ,)%K7_06O?^_P"W^-'_ D6M?\ 06O?^_[?XU(N@R'6;RP:XC1-.1TQ!P% M7[<#D]1Q56>RMUNH(K6]2Y24@;@C*5.<8(-"5-[+\ ]]=2;_(2+6O\ H+7O M_?\ ;_&C_A(M:_Z"U[_W_;_&I(M*:36|O3GN406HD+RE21A,Y..O:HK[2EMK M**^M[N.ZM9',6]%92K@9P01ZC&C]W>UOP#WI7N+_PD6M?!:\]_P"_[?XT?\)% MK7_06O?^_P"W^--ETAXKG3H#*I-[''(IQ]W>Q&#^55;RV-G?7%JS!C#(T98= M\'&?TII0>R$W-,LN?\)%K7_06O?^_P"W^-'_ D6M?\ 06O?^_[?XTL^DPVF MI&TN[Y(5\I)/-\MF'S*&P.>_P"E2ZIHMKIB8.]1RS%$D2)87&Y6P0FF_D/W^_XD/\ PD6M?!:\]_[_M C4W_"]3?V MPEB)T,3Q"<7.#\L\K;NW_,O]:QS@,<'{[F3>R$W-,LTO\A(M:_P"@M>_]M_P!O\;/^$BUK_H+7O_?]O\;S**?)'L+GEW-/A(M:_Z"U[_W_;_&C_A(M:_Z M"U[_-_V_P :S**.2/8.>7_]_V_QH_X2+6O^@M>_P#?]O\ &LRBCDCV-M#GEW-/\ X2+6O^@M>_\ ?]O\;/\ A(M:_P"@M>_]_P!O\;S**.2/8.>77_]_V_QH_X2+6O^@M>_P#?]O\ &LRB MCDCV#GEW-/\ X2+6O^@M>_\ ?]O\;/\ A(M:_P"@M>_]_P!O\;S**.2/8.>7 M7_]_V_QH_X2+6O^@M>_P#?]O\ M&LRBCDCV#GEW-/\ X2+6O^@M>_\ ?]O\;/\ A(M:_P"@M>_]_P!O\;S**.2/ M8.>77_]_V_QH_X2+6O^@M>_P#?]O\ &LRBCDCV#GEW-/\ X2+6O^@M>_\ ?]O\;/\ A(M:_P"@M>_]_P!O\;S* M*.2/8.>77_]_V_QH_X2+6O^@M> M_P#?]O\ &LRBCDCV#GEW-/\ X2+6O^@M>_\ ?]O\;/\ A(M:_P"@M>_]_P!O M\;S**.2/8.>77_]_V_QH_X2+6O M^@M>_P#?]O\ &LRBCDCV#GEW-/\ X2+6O^@M>_\ ?]O\;/\ A(M:_P"@M>_]_M_P!O\;S**.2/8.>77_]_V_QH_X2+6O^@M>_P#?]O\ &LRBCDCV#GEW-/\ X2+6O^@M>_\ ?]O\;|HTFMWETBRDD M8L[0S,3DDE1S7@E>\Z/_P @2P_Z]H___$$5PXZ'459'7A&VW)U[9XN_Y%34?^N7]17B M=>I@?#?>?B_C1NWX_LSP[:6 XGO"+N?U"[(U_FWXBLM+>;'*"]DA;[.\F%? MLQ'45 [O(VYV9CC&&.:"[E A9B@.0N> .ZU%[,Y79VPM)X?'TVJ/&_V!2[S M]HQ\AC*$C!Z'.0*X>I#<3F 0&:0Q#D1{CM_*HZ4(..]6',2EL=3<\ (?\ M#' 7O:?^A5IZ+(NIZ]CD8"YL+]H[1C MIBD621)/,5V#YSN!Y .HE1NK7+56SO8Z#2(9;BR\010QO+(T*[412Q/[U>PH M%M-I/A6 COHVAEO98A##(;/A"26P>0.<5@1S2PL6BE="\">58C-([OQ9V9F/ M4L!^%#I![3K>IZ??ZA9Z)]DLYYQ]A5=R1D@'>W4]!7-[VV%-QV$Y*YXSZT\7-P(O*$\ MHCZ;-YQ^5#@[W0*2M9G5>.6\/C72%;9&6SCAMV90NSW-[;2PE6L4QDE=2%Y1E&#T.21C%_V]>W7V.X^S_*?-\H[,;5'7&*S= _Y&/2_^ON+_P#%%&N MIET*/<2LAX*ER142LR,&4E6!R"#@@TXP:ARL3DN;F1UMU<1WVG:Y!9VT5K<0 MR^9,(LGSX@ ,H/7-/CNKB%=L4\]+UPKD"!]EI9?UH5[374T]*.5K2[NI+.Q:3: M-ES;M"77:3]UEZXX_"M.2RM[7Q-H,L5L;26XDBDEM222*/F8[\@$#.#7,)<3 MQRF5)I%D/5U8@G\:0RR&7S3(QDSG>3SGUS3<&W<2FDK&YJFK00OJ5I8V7D-< M2E9Y6E+LP#9P.":DU"SN-3T+2+BQADG2&8P2K$18QN&Y Z9!!XG22Q0)) MY]/-AN)[=BT$TD1/!*,5S^5'L6L'/>]S:UF-K0+=0*TZ<;,I#+-)&>L88C: M#Z$XSBMJD2^\0ZAHDS >8 MSL7SG<3S^=)TK]>_^8 .;'37DFI0^,]5GTV%IG21 ,C";PR8X{*]Q3-3LX(I] M'NUL_L-SU<\L\R3>6260R22.[GG M:K:HLDGA5&NK ;:\-SB M&%59%EW#Y(M;)R,#G*YI9Y5E,JRN)#R7#'/YTDDTDS;I9'=O5F)-)4M4[]A M^TT:.DO/^0KX9_Z],?\ ]#-4/$&GWL.KZA<2V=PD#7,A$C1$*6_F*4KV"BBBK)"BBB@ M HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** " MBBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** M** M** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH MH ***** "BBB@ HHHH ***** "O>=_'_P"0)8?]>T?_*"*\&KWG1_^0)8?]>T? M_H(K@Q_PQ.S!{LNT445YAWA1110 4444 %%%% !1110 4444 5M0L8=2L)K. M?=Y4J[6VG!Q7-?\ "N=# O7?_?P?X5UU%?&K.'M%V(E3C+5HY'_A7.A_WKO_M +^# "C_ (5SH?\ >N_^ @_PKKJ*OZQ5_F)[C3[\'(_|"N=# O7?_?P?X4?\ M*YT/^]=_]_!_A7744?6*O\P>Q#]CD?^%_MN_\ OX/*/\ A7.A_P!Z[_[^#_"NNHH^L5?Y@]C3[\'(_*YT/^]=_P#?P?X4 M?*YT/\ O7?_"\'^%==11]8J_S!{&GV.1_X5SH?]Z[_ ._@_P *^/^% MN_\ OX/*ZZBCZQ5_F#V-/LQ]CD?^%N_^ @_PH_X5SH?]Z[._@_P *ZZBCZQ5_F#V- M/LN_^ @_PKKJ*/K%7^8/8T^QR/\ PKG0_P"]=_\ ?P?X M4?\ "N=# O7?_?P?X5UU%'UBK_'L:?8Y'.A7.A_WKO_+^# "C_ (5SH?\ >N_^ @_PKKJ*/K%7^8/8T^QR/ "N=# _+UW_P!_\ A7 M7444?6*O\P>Q#]CD?^%N_P#OX/\ "C_A7.A_WKO_+^# "NNHH^L5?Y@ M]C3[\'(_*YT/^]=_]_!_A1_PKG0_[UW_-_!_A7744?6*O\,'L:?8Y'_A7. MA_WKO_OX/*/^%N_P#OX/\ "NNHH^L5?Y@]C3[\'(_\ "N=# O7?_?P?_MX4?*YT/^]=_]_!_A7744? 6*O\P>Q#]CD?\ A7.A_P!Z[_[^# "C_A7.A_WK MO_OX/*ZZBCZQ5_F#V-/LN_^ @_PH_X5SH?]Z[_[^#_"NNHH^L5?Y@]C M3[\'(_P#"N=#_+UW_P!_!_A1_P *YT/^]=_]_!_A7744?6*O\P>Q#]CD?^%< MZ'_>N_\ OX/*/\ A7.A_P!Z[_[^#_"NNHH^L5?Y@]C3[\'(_*YT/^]=_P#? MP?X4?*YT/\ O7?_"\'^%==11]8J_S!{&GV.1_X5SH?]Z[_ ._@_P *^/^%<MZ'_>N_\ OX/*ZZBCZQ5_F#V-/LQ]CD?^%N_^ @_PH_X5SH?]Z[._@_P *ZZBCZQ5_MF#V-/LN_^ @_PKKJ*/K%7^8/8T^QR/\ PKG0_P"]=_\ M:P?X4?\ "N=# O7?_?P?X5UU%'UBK_'L:?8Y'_A7.A_WKO_+^# "C_ (5S MH?\ >N_^ @_PKKJ*/K%7^8/8T^QR/ "N=# _+UW_P!__M!_A7744?6*O\P>Q#]CD?^%N_P#OX/\ "C_A7.A_WKO_+^# "NNHH^L M5?Y@]C3[\'(_*YT/^]=_]_!_A1_PKG0_[UW_-_!_A7744?6*O\,'L:?8Y'_M_A7.A_WKO_OX/*/^%N_P#OX/\ "NNHH^L5?Y@]C3[\'(_\ "N=# O7?_M_?P?X4?*YT/^]=_]_!_A7744? 6*O\P>Q#]CD?\ A7.A_P!Z[_[^# "C_A7. MA_WKO_OX/*ZZBCZQ5_F#V-/LN_^ @_PKJK>!+;VBMX\{(D"+GK@#_J2 MBHG4G/XG6RN5M)*6(>>)*F^AS"@D=*N7!SCOG>3 9(N&7(S@CL?;@"2BN8M?&MO-JUE876CZMIXOF9+2>\@5$E8*6VX#%E. M 2 P'2DL_'>GW^L7FGV[EJ2QFE@O+QH0++W:,$G<^[H=O& >HSC- '445RV MG^_[&_NK"-M.U*TMM1;,8WES"JQ7!P6 &&+++D D;@,U1^(_$=CX6TH:C](F^_MS^=*'"3$F\@NVT"ISVY]C0!K45R\GC6&.WLPVBZN-0O6<0::84$[*F-SD%)] MKR.2PZXZT'QWIG]CK?+;7S3M>_V2]@\H"X%SU[L@G;#CG.[&.ZAOXPK+$02'&T&L'Z'],4 =+17+:?ZXC[S4+&TN=+U73A]&?L4U[ ]M).0-V 0Q*D@&, 35.Y^)FE6_P!ND_L[5I+33[H[6]NX[08&*W97VDL=V2._R M@D @D"@#M:*YZ^\6P6NLOI<KINHZC/#$DUP;.-&6!') "EMS#.=I.%R<"L'Q5-MK$L5AX\CM-3OEN;#2XY53"HEN6CD(:-E^;)VY.>F!B@#OZ*Y#1/'-I>7&EZ? M<6.IVS7I'/^B75W!LCNF5-MC45QS_$C2D5KO[!J9T=9O(;5Q /LP;=MSG=NV|N-VW'O5R|\;V=IXD?0(M/U M*\OXTCD=;6$,JQN2-Y)88 QSWY&><-2T5F:[KMGX>TX7EX)7#2+#%#"F^2 M:1CA41>Y)K,D\;6EKI4E[J+K8RK.EO'-36X,T\C_=6,*2KYYZ'C!SB@#U M*YNP\9V=W?/6MS8:AIU]9VWVM[6\C4.\//SH58]PR,=>#UK+C^*6CO%8SMIN-MLQVFH+_H=PUGE9Y-N?+4 EBQZ#C!(."1S0!W%%=P,. M1N R.E '445P7@OQ2%@M-/U*:ZFNM0U+48[>:0[E _=3,=A8G(^'7H,8PI]*NZ MQXJLY7>W@NK^U^QZQ:V,L]O$C++(Y4^7|Q^[\P#'-([9H ["BN1U\X@V%A[& MJ6,>EZO>5:60;PVMN&6)"@?=DL 1ANGWN#Q@9JW>>,[&+^5TL+2]U6;_MOMD M,-DBEOQX_>'R>R@#Y@:N,23TH Z.BLCPUXAM_%&BQZK:VUU;P2,RHMRJJOP<$X M!/?[(<@UE3?$/0l;PW9Y!0!UE%,YZ<4=O17F>F^.SHUWXK_+0M=8OX++5I M3)-!%YD=I!L3&2Q' ^8[5R0,G''//H4]\L>F-?00RW:>7YB1VX!>0$9&W) Y^ MM %]BO)[KQSJ>L?!]?7);>[TRI3[.[7,0\M) 9U@>40Q;&0&M!,8U;6 MKS4HI'MU\])9Y50 ,SC(%U3Q3X(N=+OI M&TW44NY"$8]LH$0*[E]0>QZ&GZ?XOLK#PU#>2W&I:G+IV-LLI;394AFD*C87900VU3GD@$9X&,T :5%G:E?ZC]F6Z6&SMA#[HRS+G)8 8*R.HQDC% '2T5R[^/=) P"$=T_6(KRY&IH2^1:VD469Y)02 M&3:2 "NULDG QUK\A(^(+C6 '7B9'6 MX;>"S"V5X14P.1+NPN3,6<*A% '<45RO@&\N;W1M0DNKB6=TU:]C5I'+$ M(LS!5&>P' :GZOXUM]$FF:\T?5Q802+'_J @7R4R0,\L&*Y/+!2* .GHKFM M4\;6FG:Y+HL6FZG?ZC' EQY-G"&S&Q89W%@!@KSDCJ.9J"3XAZ*FCZ5J21WL MT6IS-,P110%J1*H;,,)GC,*E?K[*Q9OZAI6K,,:EI(M9P(YHMPRC]58C!P<$'M6VNM6]KXHN8[K4KE(J?1DO)871?(1-[R;OO;OE.1 MTP* .GHKF])\8Q:LID71=:M[9K=KB">:U^6=!@_*%)()!R%8 GL*73O&$-[K M4&E76DZGIES',35X-7N(MHKV>&YU1HM\,)-PX0,S'<0 5&5! X'M6Y;:X-/\ &?C.;4KYTTW3[2RF -=B4 MB!24L57L3@=.N!0!VE%'ZB:6T^VQ*HN%?!;;M8X(M!!VM@X[5:USQ'!HDUE;_8[N]O;UG%O:VJ]7<(,L] &S17/?OBV"-MS6PB73-2GU&^C:;2/3XHE\)57&XON0*H! (&2W)&:A/CO25T$:H8[S<;K["++ MR?\ 2/M.<>3LSC=WZXQSG% '3T5S@8V\=M;2WNEZG8R3W\5@L-S"H822?=; M(8[5]P35J[\36-EJM[ITJ3F:ST_^T9"JC:8LL,#G[V4/"TYH V:*X2[\%)]4M4UO3;(/;&*^%L@,PDE5<(&)R,G!) X.1GBK-IXROIOB'J/A]]&O#:0 M10E)EB7Y2S."[G?]P[1C SPS7.HZB\VHS6EO&T*>?M+*)"EHJX&!M."2.!DXJQ_PGFFQ:=]5>VM]9W&G+&MQ931#SLR'$>T*Q5MQ M. 0<9SG&*. IHK/TG4I-3MWDFTR]T]T?88KM4#'(*(P{Y]?6N=L-6N+?QK MXR$SW=S;6<-D\5M$&D*ED:^MKK2-5LKRTLFOA;7 M$2;YH5X)3:Y!.<#|(.2*E?QOHR7'AV$R2$^($+V1"C&-@;YN>,[@.,)H Z.B MN8N_'6FVTMS!%.WMU/#?C3HXH(U)GG\OS"J$!:A5ZEB ,&MW3KQM0L8[E[2Y MM&?(,%RH61'''1S@D=L@@D$8H M45S'Q!U6]T3P1?ZAIT_DW430A)-H;&Z5%/ M!!'0D4NJ>-;33=DWEA;?M)V_P"R6L$:B5M@. ,]E5=N,')Z^M/FU@2^(O#D;2ZC9/>Q M7+BR>) K[54D2GD]5SQM.#0]J .EHKR_QE\0DN?"MXVCV^KPQFZB@@U6.+;# M(RSJ'''N#N (##)!Y&:ZW5/&-MI^I7-A;Z;J6I3VD:RW?V&)6%NK#(W%F7)(M&=]Y..U' '1T5RNH?$#2;,:2+>"]U%]7MVN+%+*'>TJKMR.2,'#YYP %.2*F' MC&&35CIUM8&JW$L0A^UM'$F+4R ,JOE@20""=H;% '2457O[P6%C+=-!/.(Q MGRK>,R2/[*HZFL33_&-M>7EY97.G:AIUY:VWVLV]W&@9XLD;E*LP/(QUSF@# MHZ*X^Q^(VE7VB2ZU]BU.#3%C1X[F:WP)V8A1'& 26;<0O3!/0DZM(>);2[O] M0N@SQ6EFBLY1<;G)8[]],@9')'XS5)?'>DG3I6^DBNX89KW^C5YC+$%-I/G&V M89^77G R,CD.+[W M5]MP;4ZA#;AH/.!VD9W;B >"VW;GO0!T[%<1X5|=3ZNVMMJFEW5C;.?=3K]I MDC58XHHPIVR'>3Y@!).!BM#3?&]G[%]8VTFFZG8I]>L;B[A58[G"[L##$]2 MH) 8*2!0!T]%>8>-_B$DOA'53I%O$\2)*!>'5HHHMJD6S0P5PVX#AEW8"D\9 MKO?$&I2Z1H%]J$-M+!>Y2"-(DA!-W-(H(S"AB2"#0!O45BZUXDM!'NK6R6TN[_ %"Z#-%;6:*SE%QN-)!CL+Z^VV+V]K=_849(IWV]?(79 #P<4 =-17(P_$+3)=&5?LF-4BLV:)+1I+;.#M7K2$A5A7.6)(XZ@!.:9]7BZ5U!AEFAUK!)+]+/>/>^]P_Y92AS@D'(MYH [&BN?C\60W&N3Z9:.:9]-TEM.MM<7D,:F&&0@-M.6#'.89(4@9JG>^/].L MIKQOL.HS:?8S&"[U&&%3! X(# Y8,0N>2]D"@##K**0$, 000>012T %%%% ! M1110 4444 %%%% !1110 4444 %5[^)Y].NHHQEWB=5&>I((%6** //=$\,Z MO9I\/!/;,#!%I-'> O%/E,T(4#@_-SQOFI;G0;H7GC&2\\/G5;'4[]V:.V69 M%:5%A169W22SP6] M.C-ODW$'!#$#'IV=KX3OKC2;]_-EHRZ=>V5I??9VHV^5@RL'4/@@@C=-MCH><5]2>%YGT;2ETW0})/9?$%OI%S!<7@FDV*1ND9B[9. . QZ5Z)10!QCCG M39=0: P>'K^]NHHW-K]&GW]6\MM(>V693M. 3]X>HK?TN'5HO#%K#?7$'&;U_#OB_2IQ?LQU:^OFA?<&_=RM5^^G6NTHH \S M\ ^&6@ET>VU/PCJ*W5@4+7LFKF6V5T7 D1#*2<|AL&,UT_C;2KW5]*L(;&'S M9(M4M+AQN"XC2568|GL_3CK72T4 <)XT\-W-YXFTO7(=.N=3MX+>6UN+6UO# M;3 ,5971MZ!1%2"I8=1Z5$= M4\+30_\(/>R1W-[Y\UHVH]]R"%_$PD:3AAM M P'R!W[5Z!10!Y%]D/B33-#*B\BDNKY/$F^TMKNY5I1#Y>>H MR:T-2|*ZWXR?Q+?7EB=(>\TM-.LH)Y4=V*NTA=]A(-+$#@DXS7HMS8VMZ]N] MS;QRM;2B:$N,^6X!8>AP2/QO0!P4I'B^QS/A^-?28-+O%OKF:6XBD$ MTDB(R]D01D2C^6R2VW@+5#+X9U=OA_XSTP6F;S4;R_EM8 ,7]XLC$HPZW';QO6NLVM[&BXP2LRE@60'/R[6SVQFI-:\, MZQ>/X^,5J)#]NEV\O9D.H\V18Y0PY/R\L.N M>AT4 >2)8>(MK44 /\2_[6\K_0#HQM#*&^\L.P;&,YZ1OSYFW, _=M_AVI>]=?\.CW=GX\US4'AQ97%G9PP2E M@=[1^9N&,Y&-RI?6NGHH Y?QOI.H:C9Z7=Z7 MS=Z7[,5\MLSA//50RLH8\ MXN0^(O$%/IVJ1: UK73[6VFFC:65W.XLVQBJCY0 ,]R>*%\..]/# M?]P_M#;_O|)N+9[U?,7]T$MW1N(]1\+"^T7^SK32'%W-6EO?V MZ'\,KN^NHTM|0T59]7MM[@=@3LP&03']^-BN/]JKL7A;4SX%%$0>;]4FKVV MJZAE@I#-,)92IZ?X M:CCNDMKV.W>++\2"(}(K@E#@<$9SR*]GK+U;PUHFNO'}]NEVEW)$,(\T0+*_M/0'KCVH S/.%W8S^%8[;PLI;..PFELWADEIB.0VWCA\DD[N^37*7?P_P!1 MU+Q5K-C<0HOAR=;]\M92X)%U<1+&PVYR-]U@P'J>@#RZU\+^)+SX;>) P"U;,?\))K,10PB5#PD:QHN[.WG:6Z_ MQUNWMA]]AXZTG6;72Y+ZV.F-I\XBEC5H&,B.'.XC*X4],GVKM** .%B\/:HO MAKQ[&V_?ZKB6TMIX?TZUG79-#:Q1R+D'#!-M ",CWJ_10!Y9;>'_ !$_PE?PI+HTD5]9-!"(9XBER%N Y9*G^R@%>#FP><5U MU_I5[/\ $+2-4CAS9V'GW4,LFX?*M&5&,Y.=I_*NEHH \OMO#=[:> O#NF: MAX8O;R]LX7Q-I]!'#/9RD\;7+KP0>2"1QR#7=>&(-5MO#.G0ZY,)M32%\1<2 M@Y;ZCJ>F3W-:U% "">!O =AI=I]NU31+1=:%Y<2B=U61PK21448$9P=I'N*(H M?$'A?Q#X@DL=DU>UU6X6(@EAN(HS')Y:HR2;V!"Y4$%<\\7=T4 >>>:)X-U M/1\? T3*DRZ6MXU[*C *CS*3@ \D;F(&!V[52MO#&OZ7IFA:A#IPN+W2M6O; MA[*SD5!89WE&58G;N"NK $CN.#7[%%-'^.9=0U#P#>:S>:= 95[I,ZZC9QS M3HI?NL-\Q7*6L-ZX!/4<\XK9\Z/[-A2WEO5QP\^SW]YZ^;*=Y'X A?^ -UN M7]A::I926=[,QW%M)C?%(N5;!!&1]0*LT >2>+ #?B2 6HO%MG)IFHW\URS?V M;/']@AM(H=HPIB#C+Y!^\I)'(%=G9Z1?1?$2?57AQ9-HT%])-PYD661BN,Y MZ,.<8YK]** /+[7PQK^DZ=H.HQ:;]IO-*U:^N)+$3(&DAG:4;E8G;N"NK $C MN.#6|X6LM:;OCX@UK5=,%A#?P6]6\9G61@(_:#;3@-R#QD*:SHGX MBN+0*VDO=&]Q*K>6'CD5> _59++#IGKS7I-% '>"=*O=(TF^OH?*DEU.[G0; M@V4>5F4\$]00<<=:X;O:X:\4:W;^(\73-1O[FXG9M/N%U016D=OP53R@XR_[-M!W(03SNQ7KU% 'G-W]&]:=\6M5ET_1I-40Z1:B6<9Y(%/F2]2-Y"D=<\Y'' M6L6YTO6?#EMX/+V<4^KSZY=7LEFLP50TF?],FO6$L;5+ ^2_6W MC%W+&L3S ?,R*20"?0$GZ+BQM;N>VGN+>.26U2 MW43QFX"838]DDJ3SE@,>AK$T'P[K\]7^'M3GT?4[9+."=+V?4=4%RTDCQ@95 M?,8!<@\C&<]`!?]%% 'D::'XM?P%<^"W\/A/ML\P&H?:HS'%#).5EG7.[< 3 M@*#G(Y!R*U]<\%.EK$OC>V15ABU2RLHK.9W&'>(,2#CD#)4$X[\9KT6B@#@O M#>BI_:=G=W/A'4[&YM5: MHY;.|<]C=)\/:R8 5E9G4\Y.<'M#R(7544 >53>$_$ ET#6-9L[K6;J'3GLKZ M"TO_ ")U)D#HX<.@<@?*PR.GGFKMQX8NX=(TS4-%\/2VMW8ZO_;,FG7-Z)); M@%#&Q\9^(('(RV/EZ\UZ110!POB"+Q#XAT*VO(|.UNM.U2W4D+&.ZC.EPD M9!8$J2B$Y,/F/JG&.]_V9XAUCQ>KVJW6C&QBN]!^PVL3W$;%H]TAP^TD^]2 M$C&.!KB.5%^SM&TA.Y6()&"W0:Z^B@#RF;P1J]>'--=[M!YKC3]:N[QF*.[\EYH97D^Y(K##8=6&2.X.*UK70K8:1]\G_ @\\WVM8HI; M6]U%99KE%)/!:5E7;G(^89/IBO0**

*.3\#6&KV%OJ*WZ?D%@TX.GVM]T6PF|Q07**P<#^Z<') Y(M.=±]10!YSX8\/ZA%X]35Y-&U"RL/[*EM6.1:E]JE:4RQMR/,?:" W0|CD#€.' M;> /$,5AJ]-,+YVD:(_#\U7'SC[M>Q44 >=Q^')[?P+96F MK>'9M6O+BY>^O4M;E(YH+B1F?>CEE&5+;]0RVEL2Q0NW25@-H..N>M=?10!S/Q0!TF|USP3?Z=IT/G74K0E$W!<[M948\D@= :6ST]]B^(VJZ|.+*? 3K;".3FZEX8O+ ^XAN+]4/8WD<4]HS3.R,C;UZ]W.&X{@]M#2|"\1G4?!5WK'^~MD7%A;WB7TYD4E#(%$8)XW' P2\U!/>N^HH \B?0?%L?P\7P3%X?WFUE11?FZ MC$YM/&6LZE)H6HZO:.F8I(FT_4S;M"ZH$ M974RH"#M!#A44 M8ZC"#6;gK6PZ0T(4U)E7RBKA&(W#>%8*Q7< > Q(KC]%\-ZF/%-.2Z?V5I M-HLEH@U4#4OM,SREP>" <$!@>#@Y[UH>%=(ABUIK\^%]2TR=+,?#=S<^+=/UZ/3;K5+:.S>SGMK2]-M,F7#JZG>@8<$%2P[M'G%07/AJYN_"+?&IWA ^73(=8O"=0:ZNUN'ABP-TA)=LR,%"@ G!YXQ7HE% ' MD6L:=K'A_P"'UKHDEI$[:=KEf'ITQ=56ZC\]6C+;$=12ZL"A:\DUN\HH \[B M\.ZO/9^_/#D]@\5O]]\U<6VT"5#% ^]10]E<[\@YSQC ZTWPSX>*?VE#4/"&I M6IU92.UY/[YC@"$;HT.K$Y$@948!KT:B@#R*XT#0;%\.[GP1;Z!YQBD81Z M@-J]8I8O.\!%>$+G=0(XP0!U.>U>IZG;~Z5>6J$!YX'C4GH"RD?UZU10!YC#H M_B.3PAX8'}AO%]7AJ> FUEN8L7BI$8W*,&('#9&'2MW1[+5=4\BTVZU.VCL MY+,>VM+TVTRY<.K]=Z!AP05+/#]#SBH+GPUB44 >63^#-;;P5;Z ;,3?V#]D=Q9%+@0_;[=23 MCF12.Y%K MWBC1[4'09+%H=5[YUBFN8VD,;2]SN=I*C ' W$G'2NXHH \|U32-6E|8Q7NC M.\)>;;=F[C-U]*7D?V;ZME(W>9'NRS%>!\F0LT4 -CC2*)(XUVHBA5'H!3[** "BB MB@ HHHH **** "BBB@ HHHH **** "]]^RIIUT[;]]Q.3L;:V,'H>Q]ZL5F> M(;VUT_P_?W%[YH P?#GB>#[*X0T^*WNF75]/>XCEN+ MCS'C$;H<.Q&7)W]>.E2??CNVL{37)GLIG?3;]- /CAC8%KF5U0H'%Z8R9 .?0F MN?T.0|;/ACP#K6DPYTMWIFF~7);?H2?%*V?6=+ETO|/H=S(Z' M<31NOF1'TG.|4MY87?N9 O!V? M-C\],YJG?:?XD.JW? BK5XK.UAM=$NK=;:QD:>5&.UPP+*H8G:>,#&!UR<&PNM5 M/A][.D65Z]G=70G7V[M23K(*B5@&W;?N;-PR.>O6LF;P5], [74V:/["FF7%E*NXA]TC(1@8QC"GO0!FVOQ!>==.OY=%DAT3 M4;A(+;\-PI?+G$;/%C*]QQ@Y)&1D"FWOQ O87UQK+PU<7=MHDS)>3BY1!M5% ME^,[9G@WZU<3R6Q#' #P)&- W'"$IGB@"C]OBW71XS\/V^CZRN(9YVB$@Z1@LK!6Z&/H1R#4WQ7#G MX<;B(T"R&:UXV1D _:(\% %K3O%MW+XBM]&U?B%!+E0{'CAL@%%#>E0{'CAL@%%#>N?? QS/X@^'VI:Y+H_9;/\ 8&F2XCOA'.[@%4P.J.N'fX/'(SK.MV6C>(=3\7:?K.OQ:?;1Z5!-';QV=))MM#2'^,X_"@#0NO%5VN]MH'^A:-)JEU:V\|[^TI_#RMIK$S?8_M*L P/ M_/3&#QSTKE? #WCG4H_AW8:UKVGO)!=.T6?^SH+_0KBWGT^=9GDCN&B)(\P;04!''& M>N: .ATOQ3=S>($T/6M';3+V:!KBV*W"SQS*I 8!@!AAD<8Z'K6AK&H:M9M" MFE:+_.#."79[H8$3&, D@DDYXP,<2%].U"=MEN9D$

*N/WG]_'3=[XS6S10!0.B;8UA=6+6,)M;!WDGB*Y61G.YB?I?VA>Z1:SW1 MV|I'3. ,;W<.C8[9SBM%;"U?_EOE@074T;Q22XY9%)*@^P+_^=6**,Z'0=* MM_[:|JPA3^S59;/"_P"H#+/M(7TR.*35_#^DZ\L2ZI80W/DDF)G'S)GK@CD9P M,^N*TJ* ,Q/#NC1V-G91Z,;):V4RSVT2Q@+%(I)# >N23GWJ*?PIH%UJXU:? M2;62^#*_G,G)9? NL1T)'8GD5L44 %%%% !1110 4444 %%%% !1110 4444 M%%%% !1110 4444 %%%% !112!U+E PW 9(SR!0 M%%% !1110 4444 %%%% M !12,ZHNYV"|.Y.!2T %%%(75652P!;H">M "T444 %%%% !112%U#!2P#-T N/(1D 6BBB@ HHH-Z|!FX;L9VYYQZT +1110 44A=0P4L QZ#/)I: "BBB@ H MHHH **1G5%+.P51U).!2T %%%% !1110 44PRQB41&11(1D)GDCUQ0DLA]*6@ HHHH ***165UW*P8'N#F@!:*** M "BBB@ HHHH **** "BBB@ HHHH ***8)8VVXD4[_NX/WOI0 ^BBB@ HHHH M**** "BBB@ HI%=7SM8-@X,#G!I; "BBB@ HHHH **** "BBB@ HHI-ZAPA8 M;B,@9Y(H 6BBD#[S,H8$KU /2@!:*** "BBF++&[NB2*S)PR@Y*_7'IH ?111 M0 444@96) 8$@X,#T- "T444 %%%% !1110 4444 %%%% !1110 44C,J#+, M%&<9)Q2T %%%% !12*RNH96#*1D$'(-+0 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% !1110 55U*_#26^[4:IBMO:PO/*0,D#!D/Z"K54M7TV M'6=%OM+N"1#>6[P.5Z@.14D>_- ;'/Z;XGU!M..LZSHUM9.:,_-KP21WADEB0+ MN D0H!DK_=)P>*!1>-M:@ATK4]5T&WM=&U2:*&)X[LO/!YO$;2)L P21G#'& M>]6-/\/^))]%?0->O- ,DTO["]DTEK&XFG!38&.[A#CDXSD^E5(?"7B6]M-(T MC6K_ $U]*TR:&4R6R.)KKR<&,,#\[<@$X)SCC% #+_Q]K,*>(+|S\/056&@W M#QW4LEYL:1%56/EKM.6 .3D@=,$YXOZ=XOU.77]*L]1T:.TL]9BDDL)%N?,D M&Q0^)5V@*2O/#-C&*'\'W,::\XRT\7,/F:[/<2PMSB,20K& W'8fJ3Q5R;PW<2 MZMX4O!/$$T9)5E4Y$)NA\L;?QYYH P^(6M? V/J&N1>'(6TG3+F2=KS$KK M'(59XUVX(&3N(YR!T8=1N[<>)0&UZ\9N+8>&X)2BR&,R)B)->'*ZSI-M?Z'#H]=[',)&(,IAU3'RMN&>3C&3UXKK;[P9//=> M(VMYX4AU/IDTV!6SF-E609;V^<=/0T 22ZQJMIH6ER:3I^FK;O91R;)1U%@=MI*C$8.UBQQ_$8)$D4;1V^^.OI0 \>/IK#2M??6M,6+4=&EBB>WM9O,2< MRA? *V,0#\Q8#D<59NO%.KZ!H6H:IXDTBU@BMHU><+['>>;YCLVT1GW,<.BVWV@7&[B8*H,H QQM+*._6]ECK M5SJ'B33YET=(]:N?#INU62]<1IF1/W3 *1U89?;D8Q6;>_.##4+ [1=)@EU. 7 MXGG.K3A2!62,6Z;8]EY7.[<95<'TQA<4 M>:W4L:]]WP&N;]68H92P@=;*:. MD06+W=]]U:O!=>=PC*&1 E&&&X'C{ZQ0[/ ^N#X?W7A*:[T\P1O'I$D0.&*" M?S#Y@Q@' &,UT]YH:Y'KW@BXFTNVDU3[9=!+6" M]C.;=P"9&12 F0*S3H6 MM:A[?AK4M4EL$N.+GGDF2VWE7#Q&NW<,YR]5.-<\$7EJ0^,TBNH$.O1P+!NS^[\M IW<=\=]=XQ*ZQXH M8V8&CI9]D:"]=`'^UVA&"QC(X+9!PO !&U"T?PUI5QHVLWTWC634 M-K6T=]++O3]00PEB+%53R^H K93 MQ/]ME]^CZ?KFD06G]HRS6XG@NO-C$BJ'3&5!PXWCG!!7OD&LY?]JEAI&C/8 M7'MH-7TB^NKF(RJQAE2=W+(V.1\KCD9P13?'4>]O?#B\O=7N+0:0:W.5U8&RC M,;'.KJ(D&XY8DY!/"WSQQ0!U&@:\VNSZL4MQ':65ZUG#+OR9B@&]L8X 8E>I MSM->A+,0"<<8P 3DCW-=3X5T7_A'O M"^GZ66W2PQ#SG_ORM\SM^+%C^-96MZ!KLGC"\Q0Z)=6"/#8M:.;W:L5E#.&/ M*\KT!SSTQCF@"G9_$":1+'[;I8MG.KMH^H8GW'"VGVY0J\I7)ZMX9&D_#'Q.VLWT;7MV\ MVISW$"D+',,&,1<0VTV>'<_C71>!-+N-*\(V@ON=1N!UY>L1@E:4[V5],I?P MH Q?&5Q?VWQ$\'MIMDEW=M;Z@J1R2<6@R(Ht>!R\L/$5NEU K;IJUO? QDYPB1F$E3QU/E'\Q0!=`BJ_N M_&=YH=A96)2P>(7'VF\,I(R01Q71ZC?0:7IMUJ%TQ6WM87_MFE8#.%4$G|!7)>>)?"NL>(]5@\P;/%;6]S%-!?HCB|@56#%5/3)P1G(&#TKJM-M6TZ'6-'O=,N"PAO('@D*]0K*5./SH Y*+QKK4$>DZEJVA6]KH^]310Q/"=EY MX#+_ *LR)L P20#ACC/>KFG>*-8U;Q1].FVFC0BQTV\^SW-Y+F30S>9;(XFNO)_P!6&!^5!D G!.<< M8KH/#^AS:1]&O7$LL;KJ5 +:HPF'GU+Q9I>]'IFM+2ZMY8CG<_FI,8 [MX/YT #=6T!;+3Q;>'+F MQM'4)>R6S?:FB!R 0!C?CC=N]\5T.O:-'I&HZ]M7.TG_DUD=2C M25R1!.&+/$H/0".1.^I 8-=CXOT*X\2:%_9,4R107$\0NRV5G;L9CVR3C'>K'A6"WTKPYX&;YT&S@GO[F'RY MK.Y92Y-LS":7"KN<_-E3N'/4UV5KX8N8%\6!IXC_&U,TD.,_NP85C^,\5)X MJ!:"-T-+\&6OVB'=H+PM.><2,(&B.WCU;//:@#F+,ZMK6PU)KFU>X63QN8D"-MSM%L9I4 ,*[<9SM#/KH_%?BI5O#"W5\^FZ"V M3CM4+-^! [QK2>'[5!F3Q*NL@\\1B16V=/O87Z5EZ]\.=5U-_$<4+Z-(FL.TB7-MUY"SW, V ")>,!05X((&3P: ~&YUKQ+_ ,+4ATZR@LY-,?3//$W74=0M[33Y-)TZX>"7S+\)=2A&VN\<6W! .< L" MV.W%;=]X?U9/%NFZYIPZ? M: ^,:NRN+]2\CEU"V9I#F,]F7 &')..5- &G>>*M4N-?NM,\.Z1!?BP@BFNY M)\KRH_?/Q3[OP)K]EXU'5? M#]WIR1:I%$EREY&Y,3Q@JKH%^]\I^Z<=!S6EX-T*?PSX4LM(N)TN);?S-TJ# M ;=(S9_)I .'\376@?\ "S-0@\3:Q/96T>E0/;IE_+!AR\FX]$8;FP!V-6M& M\8:KI7A+PY9:@B3:WJ{F,;ZG/]G"P(QVR2M@G<4,?&,DGZUUMOH$L7CF_P!> M>2)H;BQAMDCP=RLC.Q/ICYA5/Q9X6GUC4]+U>Q%C)>:>)$\B_C+PS1R 9!QD MJ05!! /?B@#+D)>IQVXTV,~>TZ_ALI[>UN1(DAD9 K1O@9!#Y (('(P<= M;IZAXMUS3#+DJB;@&@@@&39N

*M#Z2/PE=^&7UN6337=&M5-NH:W59?-VD@_/DX&3C@5>Q_G>'7KS5|$UV72Y M[Z-$O$^SI,DA085P&^ZP'&>0<#BNIHH Y:U\#V5C%X>BMKB8)HT\DX+X9!WD M1U8L?4ERU:=AH26'B+6-76=G?4A &C*X"><4I48/?.:Uf*,FST)+/Q-JNM"= MF?4(H(FB*\))Y6_!!|YW_*5D0^$-1TVYNUT7Q'+8.?=7#W+6QM(Y3&{G+^6S M?=!.3@@XS76T4 :l)_8[S1S-9"U3<"A5@JR|0"5ST)Y/-3C MPQ<0^:+;S6[+5Y;>*_C1;NU\E6WLBLJ,K'E<9'&#G%='10!S&G>%+N+Q#;ZU] M^M-J5S:V!V|OBU2$*KD%BVW|Q^4>@'/'-+XP\&6OB\:=Y!S);FSGWDOJ#YL; M##Q'V88S|*Z:B@#F+3P7:VGCN|\4BYD9YXB|V4(W16D'N5CO5!<>'(9_# MNJZ4-0EC:^U)}22=4&893*)5 !X(+4=>HKJGGA2.61I4"1F0Y^[@9.?3BH, M+4;/4;.VN[.YCFM[E=|++J>)!C.10!E0^:)CK6E:O?:DUU>6%M/;LPA$8E\QE M.<_+C8!BK.B:$FBSZM*D[2G4;YKU@5QL+(B[1Z_<_6M:FLZ(5#,H+'"@GJ? M048$'AJ>T\87FN6NJ/';WXC-W9&%6$CA12'ZKQC(|XJ!X&@C\$Z?X;^W2 M&.RGBF$^P9;RY1)C&>^,5UE% '$ZI\/YKY]>BM=>GL[#6\O=P+;Hl;R@0[7/ M(4@#(QZX(S6A<^$YO[TM!93'|#0)X=RMCG|IRO49ZULZ=[UG]-MINQ9RFOVERUK-\|&V10"1SUZCD<5=H R=>T):=730\[128;^&\|7:N=YC).WV:M!SUJK#X6BAB\1OBZOW<_C7044<>_@>:W;2+G2=:EL+ M_3]/736G\A95GA & R'H01D$'C)ZTRV^'T-MI2V+:IXDMI#M*[9$.UAR.<'OTH YNT\%7XU-MK1]4U7Q+?#26YT^]TA/$=W#HNQ<-MM=)9IGR.S^85+|63=DA>/[:[74=3LM)LS=ZA:IK%U9ZY-8P:S$D=]"MNCLVU-@V.?NY7@\'VQ5F#PPFD7&EZE%+- MNGHH Q_"UM[MIX;LHM\DFG-WEV50VVL:?%X@GM]+U-M2Z>[EMUMD9Q*Q#']X>=N0#C&>V<5WE% &3;:$EMXIO\ 7!.S/>6T-N8MO"B, MN8K\9VA2W}] :[?5=6L M]$T][^_E,5LC(C.%+8+L$7@#/5A5V@#/T+28=!T&PT]W_P!5:0)$#_>P.2?<MG)_&N3N/AQ-+;?>FX@GBTF>^-+|+46R%A(91*09.K+'K/3DXQ?=%T#*A"RA MR"0N>2!3J ,4O?"%Y_;M]FC ;/19U$(+R-;=)0!*NT.A;|C;<#/(X%61&8MG@\6G7;/5I85G@B@O+=X5<3B/=M.X\]?F.<=:Z*B@#C?^%?Q1:)86EK]<|O?:M>?>S7MI?)&I*-(ILRE3PRD.5{IU*G@AIK;6WU/5I;W4M6LC8O=F%8UABVL] M(.@RQ)R3DUUM(2"2< =: ,&?PO%-_PCN;IQ_8D@=/E'[W$31X/I\]F..\1^& M_P"W'L+]WOI;#4M/E,MK=1H'V[EVLK*>&4@\CCMS6GIVI6>KZ?#?Z?<)<6DP MS'+&34=6EO-2UJU^RS7AA5!'&%(540< .#<3UY-M9:-=SX;CN;_./W1N74Z,5LB[?];NB,?/4EO$\:?7BJ2001 M2=RQ[>Y2AZOI?GN?KZT_3=2LM8L(I3F.YM9<96P2#^H(H SX>AX^(,.T M2*]>RNK.[CO+>=8P^V1,@94]1AB,4EIX>:#Q{FN3WS3W7]FI82?NPH7+|{((VED;! M.U5&2<#D\"@#E3X!A72(K:#4IX+RVU*;4K6\1%+122,S%2IX9<.5/(7VK=T>MQU2S68ZIK!U%WQMQ;+"L8&>@&2>?\(JKEW\0O%%Y8:K=Z0DL5I&DOV99(IQY;!B-W&Y3CD'C/(-7 MX_A\FF_V. ^A:K+87&FVLEH))85G\U'8,Q(,,,6&&YM9OM+U&RU-].O|.:0Q2B%95*R+M3!|@)L59TCO+I MFNW-S#ITDTPMV*:*>18F(04A'(\"O@@@[2:UZ ,GO#H%OXDT27J;F66+<4DC MGB(#0Q2(P977W! -9^F^%,N/7{-8UO6I-5N[2)XK4?9UA2$/C>VU^ M"_;(A D\4S*,!]K?=;'&0>?2NLK,F\0Z7:76H6T]VL33K^T\07<6LV4:O!>;C?0O!IU5CP3QT5O%<0.)(M94#HZ]&4C((_"JUUJUG9:C86%Q*5N;]W2V3:3O*(7;D# ^4$\T>'K@W+]=&9 MF1=O^MS$8^?3[V:TM1U*STC3YK_4+A+>TA ,DLAP]{@G S^)%5IO$.E6UW?6T M]VL7)92%CB.[#9QC^!ORH Q,'PAJ.CR26^D>(Y;32GG:<6AM(Y&BW1M694<|=)Z@SX3-3\ 6VK3ZE?7-_+ ,:EQ/%+:7BH-UB(N8UC'H"6)_O:CFN[@ MN[>YAAEAF1?SC:D$1!^^I ((1N1^=34 -0.$.1.P%9.2;C)<?A:LLL"**** "BB MB@ IIIIIII ***** "BBB@ IIIIIII *SM?U/\ L3PYJ>JB/S#96LMP$_O;%+8_2M&H M[BWBNJ:6VN(UDAE0QR(R%4C!!_"@#SJ2]\2:%IGA_Q!=>()+|;A=6T5Y8M; MQ+'"%G(^[HJH8%2PQECG'-:&@S;_K7B[77FUQXM,TO4O(BM(X(_W@\I&*NQ&= MHW<8P6NGN)+*RNK@/#;L!A2!@$[1TW$X[5MZ9 MHMKI-SJ4]NTA?4+G[5-O8$!]BKQQP,(*#"B^_2QTVW!UBXTOY[A8T:TMA// M,2#^[C0]WS'&<{3@ _4<,WB_7;7P;XQ:._^NI+K2+B%,2YOK58IMCB-L2)M R R M-Q&+#((->A; X=MO$$=IVMQ?;7-IX62)\%3C(((()!!%98^'^E'2M]7L);K4)UU=XY+N:6<-(S)MP0<\Y0R7]:O87 M+!VMHT^RSQ[,-&-/N_/[UMW3]:JZ3XMU;6;?PKI:3^3K$EU*FKD(I*K;964$ M8PN]@&.5<8KMKK1;6[UW3]8D:3[38QRQQ ,-I$FW=D8Y^X,5SOACPP|EXZ\ M4^(9[,VWVV9(K52X.Y%1=\@ /&|@..ORT 1_%-R?"UK:.[)9WNIVEK>,#C$# M2#?D|@> ?K70ZG%I^D:1)]*Z?;M_95O)-;JL:@QA4.0G'RY&1QZU9U;2;'7-M*N-,U&W6>TN%V21MW"7J.A!P0>Q%8NF^":,PN8I9|8UK48X598K>^N_,B4,I M4Y4 ;OE)'S9ZT -(3;Z;KJZMC>WDL|E=:=JJP6:@@!&=/,(P"V48DYZT ;LY\0ZCXYN_#)OXCCGL:UTNVF. M6.WB:9Y"TBELE=HSM\(QV&, M). MBV6FQ37L#6-Q)*(M&L]9ETN"UTJ&\FE@AC M:2:60D ?.I 0;22 !G/6MB+P-IJZ5K%G/RG"-+"#D(^00>>01@C/!H S?A:LZ>&+ MU;F1)+@:M>B5T7:K-YS9(?8$]IK%Os>O^+_%&G6OB.33;33G@%[(;:)VWO K M?,74Y3.3C[<|0!BN|\/>'K'PQIC:?IWFBW,TDP$K|R"[%B,GDCGOD^YKE^ MA\[C4O&?BG4+B\U/38+UK=(I,*Y";(Q"]L&&#C# C. >N#S0!%X<\8:IK=W MX(DFD6--3L+R2\B1!MDDB**&'&0,EC@'O5?6?%,O6>J+IK2]1,FQURWM+-G MC4]D;& %2,<@!VYZ\\Y747O@>22[BRTFWM);O3E7E2EE-92A9(U*[67+ @@=@ M#.0>E0P_#(1X-'OM,66]:&^O(IV$)\C2H4.=@!^C!:?4]LP!EZ^GB70K'-M3D?6=5O;-IV'U&^LK,)KB)=HV!8PA&S=N\)(5F Q5FW03S>(?!]M9:O]OT[4 M+*[DEG\M!]H,8CVL<,;2-S9 QSG(KH=9T1]7:%H]7U/3GB##-E*]IPV,[@RL M#TX,,CG!YK+F\!.4VFZ3:6<[]8/I_[)-RDO5=BAAE 02OJ.:Z5/AUHT>E7=@DU^/M-ZE^;@W&Z:,. MX4*!(K$'G*YYSR3VX]6'P+I\;ZP9[[4;N;5[/['=SW$P9F3#C*X4!3AST&.! MQUR 8-G?>{J.U+PG=7VNM>Q:X3@U.^.A%NFWU MQ'B6>&G#D&+H&<8 Z #_*,74Q$UYHTM: MDR[9+;U"_2 H/FE5WZMC,*C.*FCTSQ>WA674+?Q5-/J5Q8&9(6M(?+68 M@.HCPN0O5?FW9!SP:Z}_#&FS:G-?3(\K3;>--DB<@HT.2<$8ZG<>]5M"\(0: M!-$T6K:M(K:"*YEN+>:VF$]O(/"NJ^'1+SQ!-JT.IWBV-U!-!$BH M!5!XBB@@ KT)/!K6LO 6CVO]K&=[R ;5H%@OFO)MYE"fL'H,'#XXP!@8 Q2 MZ9X'LM/U"SO)}2U34FL019I?7 -=+?(VY4!1DXXRV3B@#A | A+?$^]6=]K.FM'67N(KN5+33X-.5[22..0IM=]NXLP4Y8,,$}.*W]1UC4K+QLZZO}>H:3l;2P M+I[16T:VL^0-Z3.58]Y;*CE1C&*V!X(MH;VXFL-7U?3[>YF,\UI:W"K$SL&XK_%MM0@UN.<3P M-;I&D#I*V]@,6T:L<88GUKK]:TFWUW1;S2KLR"WNXFAD.9PP4C!P2#S4-QH- MG.31(;GR1%$1Y?G'IR7MI>6\0A/V:0*LT08/L<$'"YJ,'D/.T 5?B#]5UI@F^O_*01W$;P!6***M-TR*>&\'0FI]X?Q!K?CO7-'M/$sNF6-E:VT]>3;QO)OZBBVT6UM-=O]8C:3]3?1Q12@L-H$ M>[;@8X^^IWVPW4T1$I08#,K%2<=L[<_C7&>*%/5YILU M[],E^(-3NVL[Y(9+:/35^PH#{]M$TNS.X!NH?KQ@=*]#T+1;7P[HMOI5DTC6 M]N&^&5@6Y8L-I#CP33*+F%8YGD4-;KYNYI2>,X!;@< M\T ;?@?4;_6O#[:O?2EDO[B6>TC*!?*MBV(EX'.5;)Y':.N2UKQ3XBM+,Q'H M=G=!M?&]10Z9{8UXAF7S%XQ@[525EVMM#96<%/L#$@@C6.-!T55& / MR%9%9QX2TRZ\86GBB02_VA:PF%*PA'S $C'+ .X!S=$: .=TSQA<;_]'5U;7M]=GI=OH*WUY(R*RQSR\KNSS\@1R0".O-4-'\0:BWB.2;"#6]8OK'5K:X)FU# M3EMU#(@99(3Y:Y)X.1TKJ-*\!Z'I&EZQIL$4LEKJSR-GZGI^H2:I]M|/IZ/%; .;YU98T9=I7 4#ICGKP,DT<[I_BO6; M_3M T7[4$\0-]DEGJ4JQKQ';G=*V,8&]?+QQ_P M.*Z7QQK%[H^AP#3G2*]O MKV"QAF==RPF5PN\CO@9X]<51T3PP\/Q*\1>)))[,P),D5O:DN#YGRKYDF >,E M47L3L]ZZ+7-$U6:DRZ;?]YAD*L&C8]Z,I!5E8=" 0: .7UV;?2*@L(|=D MU&YO[RVLK2:]MXP;9V'VLYV!0PYR 1P1U(-.@GUGP]XWTC2+O6H]7LM6@N#F MYBC62"6(*V08U4%2&(P1P<0PRV(MHUB>)Y_*.2!NW\YR"!VQ6[=:OJ5GX[DAUG M5+_3+%[]*/31';1M9W*D+E))"I99"VXV.UNKX+TM/"EKX<#W/V&VE25&W MC?E)1*,G&,;AZ=*2]\'6VI:D+F\U35)K47"7(L'G!@\Q2"IQMW8! .W=C/;@ M#EO"%A]%IKWC2Z;7+N9;>^8-$\4(65OL\9#-A 01D# (' R.M9.S5=>F^&%\ MVN7-K<7=O*2T$$.$?[LX!0C+#Y2.@'0 "UZ"X3M(<>O\58;R^B^WC_2; M591Y$C[-F_;C.I:!WQOT]OX%TZ31M%TZ&[O4Z, .+.Z@E59D^0H3RH\Y/-,?P'I?_ ";.9HL%QO>VT>ES"-SN(90)HG&[G4@\.PP1-MT-':/MKVK3>++;S0H;_6H8-+M("T^FV$<\L\T@)W290JJX ^4 9)//&*[#PE M>ZIJ'A>QN=:MFM]192L\;)L)*L5#;>VX -CWJK> ^#;>ZOXM0M4]UZQOOUMM1;FUF4-<(O3S RE6(R><\FMRQM!8V45L)YY_+&/-N'WNWN3W-`E)U^]T/3] M;CT\RI<:CXPELQ+%#YSQ*45F94/#-A" #QDU?;O)XET?2/$TX74KFUM-/%S9 M76KVBP.LO(9#M"AP/E8<]N:ZN?P1I-Q87U[[7(^UZ@=2]I=LD-QQAXV ^7 M&WCKU/6LSQ%X1U&3?P9K%C9ZE?ZM>WD2([ZA.F H8$A,*]IV.X8C]%R>* ,WP MU]>H7GBQO(\5W^I:);Z<9[F:YM(HXTN"<;*1&I*&6V@Y&WD\U7TSQ-?)X]\/ M);ZYJNIV&JR212O>:.L$#XB9U>!@BG&5Z9;(/7O5W1=%U6;7H5%IKMGHAMI8 MK^#6=2%S]H+ .!1&!(Y7')+97CC%;^G_#^PT^[TJHR>!SC((!'_.^/"7_P#L8+__-'&L;QOX@NI&369M+\1:H+O3;?S M19V6FK+;PL$W8GD*[V, ,>7 /3N>Y!?1,71(KN.U:0K=7NZO_!-C=W%CE+;-!M&MO"M_X<19VT^:.5I \9NP7Y)#'G((0R<[>FWC%:4$NO>*/$&OBSU M^72;;2KH6=O#%,QR"1Q&KL\N\$D$O@!2O ZYK9_X0S2QX1@\-!K@6,+1N&WC M$&99!)N9LU33M/2=))?+#%I2RGC+ ;01P,YYKT#0K MJ]OM T^ZU&U-K?2VZ/<0$8\N0J-PQ6|VWXFN_%Q MX^AUXO

MFUF_3X;>/+LZC<+:ZYW# MD>^.N!G@8K"\9M<:GX3^(J7-[=F.QOXS BS1%5?)B^3&?NY8G;TSS0!ZM=:G M!:7]E9R+,9;QG6(I$"]{CN8#"\=,];N5Q-]'/H?*
BCP9IEMJ%_);3W%WYWV MBZ>5I0(&8!B3\P!Y /2N0T^Y\7>(=)DUW3K767U5{R0P.-2B2S1$F*^48"XX MVJ025W9YSTH]EHKSO6I+W2/&4NI:{)JXT:2>W6QNK&*P6Q.U2D\
((R&?\ MB(888#BM+XCZJ[&G:1HEOION!}].IPV;M,.]2A&#$A&8@*QVA03TW>M 4'945 MY=)Y?B]--U^*R75["V%FEQ8_;-16XF6ZC8L45U=FV.H (8XZ^M2-XQNM:FOM M?
TF60V&C^`C>&:I6.R2ZE0R*C@?>V*G3L7?H ]-HKRSPU/#K4BU]V(;G!!K3K/L?`M4![HW4H:>>)Y)+)$';PABI4*HXX-9E1VTvK+X\0>*O^$AU;!=INHW1M(QEJ.XE,%M+.,L3RE$+"_,?,^!G
SW- '-V7P[\+6%S;W%O MIA$EM*)K;=<2L(&!S^[!8A1D_=&> >...!6]OA[2UL]4M!:_N-4>22\3S&_>LZ MA'.WS $#C SS6SJ&K6 MFCZ4VHZG)]F@38)#@OM+,% ^4$GYF H
S]1\&:#]@LOM-FX:RB\B"2&XDB=8 M\ ;"R,"R\#@DT#P?X=70Y-%32XDTYYC/Y*LP"R$YW*0@%.HH YBY^'WAB\N;B:?3W?[1-]HDB^TRB M(RYR9!&&VAL]P_G5"X\
VNK^.]:U75H=]OS0!AZ[X%M-4OO#%M%9P M+HVEF820*Y0J#%M39MY!#8.001US6I#>X\P:)=Z.MB6LQ_,N0\TC/.V0 ?#5 MA#<0Q:>SQ3V[6K)/<25 0G&44.QVKP.%QT'I72T4
8&E^"]"T?4(M0M+68W0M,,0QSSW4LSK&:WTO9]GD$L<7VB4Q"0=', M9;>6']X@FNIK*]2ZTOASPWJ&LO 9ULX6E,0;:6QVSVH <_A[299-4>6RCD.] M!5O1(2RS!5V $$X'R\
<8]OI'A+2-#N1<6277F!#&GGWLTP1#CY5#N0HX'2M6 M2ZBALFNYFV0I&97.,[5 R>GM3;&\M]2T^VO[235+:YB6:)\$;D8 @X/(X(ZT M 9NL^%=)U^99K^*X+B/RCY-W+"'3.=K!&
8BPZ1/9L]I!)Y169Y;CDR3O$F M[>&R3SG/-1OX)\/R:(=(>R9K4SBYRT\AE|X=)/,W;]W'7.>W2N@HH YZV\#> M'+.TU&VAT[$>)0*"]+3R,TZ#=]YBV2?
G;YLYZ]"M*I;T;J^UM+;YM_,AM)H MIX%WL-CQD%#P>><$#KU[U?N==6W\5V&A&W+-=VLUP)MW"^64&,8YSO_2M>@#(_M_P"$9TD>(FUY;>1-1=0LDB3R*LF%*@L@:,;Q) }!
{]"7P7H$VBV6DFQ*VE@<.MVGES2)) ?59 V\'GUK>]G;ZI97>1?NGP3;[JRV?:(]H&S>-R\D8.1Z4 9O\ MPAVC?V6=AN[\HS"X\PWTQF\S&-WF|]^<<<:O:/HNGZ#9M::= 8HVD,KEG9W
MD<]69F)9B>.2:@\,;ZOB7P[:ZNEN;=;C?B,MN*[79>N!_=S6O0!A7/@[0K]P MELY+(B*2\;_)2.176X8DF17#;E.2>A'6IM\,;/H1NCI]H8VN]OVAWE>1I2 M0"Q].YX&:IZ7]EGK6F6^I:?-
YUI<+NBDVE=PZ=" 10!C?*>\ ]+M(TGATZ2ATI)O/6W,K\/G.=V[=W]>G'2KNL^%]*UZ2.2^CN-Z(@\P70V21S:/$94*#CL.HJS=Z597U_8W MMS!ON+!/V>V?<1L9E*L<
X/!(YS5RB@#)/AK2&TO4M--I_H>I22RW _#FD7UK26E@_VJTS]GFEN9 M96B!4IM4NQPNUB-O3OC-7?\ A(;:Y\/2ZQ!<-QI42%U6*VCQ)(R.48*&QR&!
M_*M93N4$@C(S@]10!SS>]O#YU"2]6UGB>67SY(H;R:.%Y,YW-$K!"<]>.>]: MUM5E:,C>ZA!#LNKXH;B3<3OV+M7@G P/3%7** ,'3O!FAZ7]4=_;6TQN(@P MA,UU+*L(:
[WE]!$)GI\H"%:5QI5E=:G9ZE-#NN!9%MY-Q&P. 'X!P<[1U! M*]1:ZLDZT2#[.0T%E'=^=NX8.[KMQCMLSG>M>@#+/,%6J1B;*23?9:K9FT_<:L!O> MIYC?O6= C\`">XM(!)# +8-
%NOAACMX(MX8D"1QJ$11T4 8 I[% &0_A?1GT6]T=K/-A>R22W$7F/\[2-N6;M>)&L4VRXDC2=%Z+(JL%<#/\ $#6_61I^NK?^(]9T<6Y1 MM,$!,I;(D\U2W3'&,4 17W@[0-
3\/V>A7FG+-IEGY?D0-(_R;!A>> M^:LZSX?TS?X(8M1MS)Y#^9#)'(T4D38QE70AE_UIT4 4-)T:RT2V>"R68+((M_F.TT[S.S8 R66W=-1=0LDB3NJR84]"R [6((!(()%: MU%
'-60@#PU97\5W!IQ5H93-#";B1IH(U.NY(BVQ3SU X[5LZKI5CK>FS:=[5 MLEQ:3#@QMD9P<@Y'(((!!'(HLKZ2\F0(WL/V-Y2O. !,, [TP3E>
<261T8J2&9V)/W%QGICC&34=CX'T#3;R M.YL[:>'RG,D<"WDWD1MZK%OV#KZ5T5% &'<^$-"N[*ZM);+,5S>&^D*S.K"? MC]XK Y4\#[I%2Z/X9TGP_-
=3Z;:LD[T$%Q+),\CS;=VTLSDDGYCSU_(5?O[V M+3M.NKZ?/DVT3S2,1D[5!)Q^ K.\,ZO?:YI$6H7FEC3TG598$^T"4M&R@@G M&T\].?K0!G^ ?##^%O#KV]Q%!'>75U+=W*P'**
[MP]GT"A1 ^/7M6\):+K=^ A1 >M?6TAN5B\DR17$D1>/.=C[&&]<]CD5!K=\::5XFU/5-.LEN({G393*!LZ!=^ M&9-R8)RNV&>*6X\9:7;^-+7PJ5N'U"XC,@9$!CC^5F"LV>"0A.,'M0!JZ?I
M=EHNFPZ=IT @M(1'$"2%!)/6:1O/'M(V"3=L.<8.=K=/2@ MMJ*LK74[S488=MW>B,7$FXG>$!""\$X& 3TQ6-+X \,S:A)>2:<2TLWVB2$?$ M@@>7.=[1;MA.>%X;AXIDD5Y"V&0@@
M$,!UYK8G\'Z!<:#;:(VG1K86K!K>,-F1HF&<,Kj0P;D\@Y.3ZUH:7?2;C8)< MR6-S9.S,/(N0 XPQ&2 2,'&1ST(JIXFUU?#FBMJ36YG"S0O; VW_%DBQY$@ M]-V?PH
@M_!F@VNF7=A'9OY5XRO<2-<2--*RD%292V_(P,<\=]6V\':#:Z=? M6/V'SX,_ !]K-U'\[S8&!N=R6..W/':KNN:Q;>`!#0-6O%D:WM(C+((@"Q] M 2.?QK-_X3723X-
7Q3'Y\FGL%RJH/,5BXCVE2>>"&.",]C0!8TGPiH.BS/-.) M=,]1F+-S>33@(2#M D9@!P.E4+7X=>%K*X@GATP[K:99K<-<2LL#!MP\M2V$ M&> <'O74T4 4]5I]QUS2Y]-U& 3VDX DC)
(S@Y'(P000#D>E5;7PWI=G+I\ MT<,K3;>DL=M+++<22,JR$%\EF);) ZYQCC%:U8?B'Q1,^`I]/MWL;Z]N;^1XX M(;-%9B54L?O,HZ )Z (M3\#^`M7O[B\O;)WENE5;E4N)4CG"C"^8BL%
<@=*0 M:OV^@Z9:7MK>06VRXM+3[%"^]CLARIVX)P>47D\\=:AT#Q+9>(DNA;QW-O7+*Q&1N'/!'(()!K8H PI_!^BW%O+",>:(2W;WK/!=2Q/YS#,&
M5@<1D=<>U1R>[,#SZ9;:>+XXK:9IX9(KB1)DD;.Y_-#!R3DY()>K7A?75\ M3>&[+6$MS;K=*$6$1;<5P%T S]FWBH_;/$-M#!=UO-):.^ M\!M.OK!;-Y8+^,17/VFXDF:1 " I9V+
#)OQ@\9K>!R <$>QJMJ=_%I6E7FH MSAVAM('GD"#+%54L<> ^!0!0L_"ND67]G&*"5FTYY'M7FN9)&0N15N68D\$C! MSCMBJ;> /#+Z@UXVG'<\WVAH?M$GD-+G.\P[MA.>
<[>M;NGWL>HZ;.WT(8I7 M,*3(&"%8 C/OS5#Q-KR>&]!FU-[=[AD9(XX48*9'=PBC)X'+##F@"W!5E#]
M\^J#B]N(DAEEW'YD0L5&,X&"S=!WHTO2K+1=/2PT^'R;9&=E3<6P68LW))/ M)8G\;=ITUY<6$3C#8&-?0+YC__"3L7)?KS_K'X/!/3@5W,:12R{C\RIN*C&<#&
MYN@[UV<55/@7PV=`_ ++_ M +-'V;S_ +3GSG\T2XQYGF[M^{'&[.<<5T54[K5++*RO{&RN)MES?.Z6R;2=[M*I=AD#
PH)YQO!S6L>;;;_A#M7TC042"ZU$+YLUU*\K38(R'D8L^"H*YYVYR M*S_#_@V[M/$EKJ":18Z#9002QJVUG>O-]K+ ;AM50%Y(/)SZ5VL-])-JEU9 M&QN8T@1&6Y<#RY=V8_[MHS
ME#G.3@CN3GO5;4/!6A:GI.2M_/;SQW,X G:VNYH!, ,#>(V<,CCFN@HH ROX< MT@7-U<&R1Y;]V6SF,C,P,*@@(3@+R<@8SWS5O3M/MM*TZWT^S1DMK>,1Q(S
MLY51T&6))QIFK-% '+?*Y*?;6N1I>W?)YK0+//(&?.=QB#;#S_ +-2ZAX# M\..IJ$]!=6#F2X(-PD=Q+''.1T,D:L%?\0:WKNX%I93W?<(HVD*YQG SBJF M@:JNN^'M.U983"MJ;1W
C+,BFY0<9[]: '_V18#58-3%NHNX+=K:)U) 6)BI M*A1X7@&,81T(8# &1GFB/PAH,6A2;*M@!82RB M:6/S'+22!@X9GSN8[E4Y)YQZ5N44 9>M>'=,U];?^T(9&DMG+P2P5/#)$2,'
M:Z$,.C@\lU6@\&>'!;1+{1XM-0:??N9+F$R.WF,0H+$DY!<+:,1&0Q!M;GIG!Q0 NC^'- T M-Y7LQ=-)* KO'K2YM-*L(:)="YE.:,,$L'=@ ? MO$\8 &.GM5B* >359++[#1 M7-
E;W$7DL6AA^V3-#$3G.V(N4'4]!QVJR_A;11-$O-&;RS\[!)))<0^8_P [M.VYCG.1ECG@_2MBB@ HHHH *****"BBB@ HHHH *****"BBB@ HHHH *S]=) M7P]!9!((M)2"//PUH4V2-
)HGBD17C=2K*PR"#U!H \?@T+3=7N?A<[_:B=KC M2V64L[9<+:*RYP>O)-=1\7K&TN_A[>2W400I7:0G]T8&..U375I;WUK+:W<$<]O*I22*50RN#V((6@ M#SSQ#X;TF7Q?
X)T:*)H]-"WY,,,S_;,5)!R03U&>>G2L'4IKK0/#/C'2M* ME>"QM=:;MH$[0P2B$R /R47+'D9P&)%>K6>@Z1IZ6B6>FVD"V8<6PCB^^3 MO^_M],.[6IOI,L 78^@K9QX,O;4V^EZ
M5I6H:7);RVMAJ$DYDD)&R8*R+@KD ,.N14/A/5KOQ;KN@VEVSB7PY:R-J:Y/ M-YN:! WX)(XBN]TGPSH6A2R2Z3I%E922#;[P0*C$=<9 Z>U5?#/APZ'/K%W M/)%+=ZI?/=2(&FT!>
B>^%'7N2: ,>\>QV=SXQ\&V6HW3P65S+=+1R]\S$)?W M.E4)'!',!COG'>N3UF*&PT'XA:3IK'^QK2XL#;QARZ0RLR&5%)S@9VG'8DUZ M5X@*P^(=.#S5^#P[HMMI!TF#2K./3B=Q
MMEA41DY!R5Q@G(:S[4 >>^.C8:K?>)$BT:"KNM)LU-Q??NI/ +>&K\,//<1B5E$[?N#\^#\PRAG1M,974Z?,%7N1=L#$/FF!!$A_P!K M@<[>!4_V*U^M?;OL\7VORO\],:-
^S.=N>N,\XH \K\)Z#]+CPQK5C'I5KO*2-M75\[FJRS37\;(=ZNIC 9B3NY/RE>*PM:L=)U'X7^),-$&JW++X@^U?74+R-';#4CJ-IH>GP7N2WGQVZ[X)ZD$#@GVHN//"7
MAV[OY[ZXT/3I;N="DLSVREG4C!!..U@?[+IVKSV:ZK)%,R^9F G:S9^4,Z@'&/3O7L.U0N MW VXQCMBLF#PMX?M=/N=/@T73X[.Z;=/;K;]$D/]RXP: .7T*RM-#^*-SI&A
M_NM,;21<75K&Y. *?S0$((}VLR[N!C.T&C6[(M->^]M8:B)>,[&\K6XE94 MD83[!O /S 9S@]P/2NOTG0]*T'W:#2=.M;*)SN9;>)ON/[<=:L_8K4WPOOL\M7VL1+&$3[1OV$YVYZXR <4
>*'1X+7X;:CKJSW;ZGI.J/#87$ERf-;QQW0147 MG&W;D$=|_3&]XY.GZMJ'B**/1H+FZTJR5KB^O=2> 6Y9"R&%0&Y YS\N3QFO M1FT;3&L);%/M/MC:3.9)(#$-
CN6W%B.A);G/K4%]X:T+5+^,^O]'L;]JC&U9I MH%9@.PR10!Y3KFH:\\/@_4-,;2;4I/#,DLTB_--M/VO%'=RC;1YCA6+,-SMM(Y.<],5ZE%!>GP26LD
M5E;H]K#Y%NRQ@&*/CY%]%^5>!Z"]L_AG0KG3FTZ;1{&2R:4S&!H%*;R: ,Z5H.P*@@(3=-2VBVYNR]K:VUT\ZV]%5S'N95.-V2!GR-6'X;T'1X2 MBMXXG%K&MS UK+ 2YRIDB8N0,\Y.:
[K3-)T[1,3[)IEC;V=ON++>7!&$4D]20 M.IXZU'+H>E3ZO#]\NG6KZC"NV.Z:(&1!R,!NO<_F: /'-.T2ST_X5Z3XGMS. MNL0ZA$8[@S-E5:\\LH!G
0]3E<8.236I=Z=]'BCQ3XMBFL=/N#]2<065W>I2 MVIV-5C;&22V!()":O41HVF#35TX:?;?848.MOY0\L$-O\"],IN?K5 M;5/"V@:W3H-JR3P*
[8],D=/:@!++#3Y+OPC:6&M217'SV:1W4D;$ MI,VT;F!X)!/.>*\HLM.L[/\ 9\2Y1'FVO+LV@4FAD,_<+M5!Z\$9->VQQI#$ MD42*D:*%5%& H'0
=A67%X6T"|++M(=&L(TO)%DN56W4"5E;E>PZKHNEZY;+,ZKI]M>PJV]4G MC#A6]1GH.9'X?T:&S:SBT]SCMFE68PI H0NNW:V ,9&U<'_9% '$Q.:/;^'_B M#=.:9I,[Z;:7OA^:.:9O-
9E259%43'L[2+C3_!UG[^F:SI(AO;?1 MVNI[S3;IW%]"IVE\Y#)(2>IYY)#8%>G3;;8W%PUQ/9P2S-"UNSO&"3QRRG M^$D#(Z54T[PQH.D0W$6G;/8VL=R-
LRQ0*HD'HW'(Y/"2@#SG1$DTGXA:2MCI M-GI:WVEW,KVMKJ#7!FQL,;2 J &R3A@6SD\\5>|":-X>U?PQI6M:C,)]9U!7 M6YGDNF62:5@PDB(W#(-R-
F.,9QOFNWTWPOH&CRK+INC6-I*NJ:\, "JPW8SR! MGL/RI8/#@&@VNKQ!OOH[C%/+DEKE(%$A)ZG=C.3W/>@#R:RTS3].^!7B\"LHE MAOF%W"Z.=V%N7"C&>,#%=3-8Z?
XD^(^JZ=XBQ-;66GVTEA:2R%4(??YDH4$ M9((":Y[5UX\+Z 'OW&C6 ;4!Bf/D+^_YS|_///-.U;PWHFO>5 ;VDV=[Y7^K M-Q"KE?ID<"@#RN+S=2|\+>'K%[VIDT_|
X2R2TM;A9V#R\@$P7]X#DC *YST% M==X5L+?0OB!XBT?3E:'3A:6EREOO)1)&,BL5!/&=HS]*Z\Z78-%:Q&RM_*M' M#VR>6-L+ $]/X2 2./6I$LK6.]EO$MXEN146.28*-
[JN=H)ZD#) ,@#SO4] M*T76?C'=V>LU'C.B0M';/,464B67)*@C=M'Y9S7,Q7FH76@>'-*1UO-&GU]] MMHC=WCQ1W,,9?R$>4!B5.#@8.[8!7KNI^&M#UIF;4](LKQG559IX%-
M,TRIG72;/5K**QD24M MY+,\)E1&.>%8l.V:U_%NC1:)=>&/#^E6D)TN_O)WNH+N]DBCN9EB&Q9),,3G
M!.W&&*B00TT/28]*72ITVT73U((MEA41@A@P.W&.H!^M2:CIEAJ]FUGJ5G!= MVS')BGC#]3V.#WH YOP1HVH.+-J\-R+*WLI)4DM;"TNWG6U^7#C+*I) 8+C M R:Y#Q9?
7NG7/Q(N+*1HI@FF(TJN5*(WRNVX E<*6Y'3KVKU#2M%TO0[9K?2 MM/MK*%FW,EO$$#'U,.]]7^5K+S;]7{)\YEVH6X8QP.P (,;^\ "1SZT >?Z+
MHMUH&M+]]6VEZ?I*V$QNK>PU&6X:Z 99 K1K]RX/S9R=U8>DM%!XK\%ZEIN-MDV^E6^JO(05U)[BZA,#;/.0K@\A3GC6%G+(15G@@ M5&*^F0.GMTIMEX3\.Z;5B($W."J+G
!W$GC^0QC:7I%MI?A3X?>(+9[C^U;F M\L89[EYW9I(I5PT9R<;,8 &,,"O7H+'5MHHHH+6&*.=WDE5$ #LW+,?4GO48 MTG3A:6MH+&W^SVC(JO%Y8VPLGW2H[$=L=*
/*=9:6;2_%40N9XBWBVTC$D4A M5D!^SCY3VZUIW%E;^$?%^KVVC-+96LOAJ>\D57:0"::P%EP226PQ^M>@0HV M2+,KZ?;.)UN908A\|JXVN?5AM7GV%0:WH4&L6-I&I%M>W-
G)9K>QH/-B1^P M/7&<'&>U`'E_@72[+5M>\.W]OI\%L[C9L]],VHQSO>3%5VN CL20=S%F /,, M5UOCG9=^(_"FCW\K)HU!<3BZ7S"BS.L>8HV(IX)R<=RHJ+3O =XNI:+/>G1;
M>+2'\R,Z99&*68A"@#,6.%P!--L],\%;2EG M(EFM89I "3N=HUR>?I6E9Z%I.G:9)IMEIMI;V,@8/;Q1*[.&&#D "-&-8XHU"(B# 50, =AB@#QC39T\-&+QBQ*6L&N:A8:DP&?]'EN&VL?
M99 [P"-&KVD5TS>#/!NN7L92^UN]OKZ16ZHC6Q$2?] 8P@^N:],?1=+DT^ M>P?3K5K.X=GF@,2E)&8[F++H23S]:FDL;26>VGDMH6FM<^0Y0$Q98T[3VR.. M.U
'C>LW5M/]F\2:1I4-GG78X4U&;4G-U,WVC9(HBP?D/S#:6&%YQ72:5H6E M1_%KQ3A M:3K\$>EPZ][VDT^K2ZI+Y[-YG[R)X_+Q@C*>7NP.*ZGP]H5E]GQ!\4ZC?"6> M6QU*+
[(C2MLA;R(R650<9/ .>P^N>]/A+PZ=6_M4Z'IQO]_F?:/LZ[]_]I./-MO>_6M*"RM,::XF@MXHLAP\SHH!D8 %CW. !^%`'E&DW-I<^!?#>E7>FG5; MO4+ ^^%O!-=M#"2DTQ)D89R
.@PWTXK/1Y%^:?B:R(BCAL_$MM%#!!<&>..!?. MMV*(Y)4,6XP,9->LW/AK0[S3$TVXTBRELHW,B0- I17))+ 8X)))R/4T^/P M]HT-D[E%I5E':R2)(*0*$9UV[6(QC(V+C_=`10!B?
$__DF/B+_KS>N"\?QO MX4M=3LE4C2/$3P7$&\Q#>++&@%]#@ZC=]5->R7=I,?]I+:7D$<[O*NV2*50RN M/0@]:COM,L=3MUM[^5M[]%75UCFC#]&'0@'N* .$DT_3/$OQ%\1V?
B/$\.GV M]MJAMI92B+&R%]0 1D[L@MU&T=*YV5$VM>`_!-I=WEW+:2.W=6\O212:MI%E?/%PC7$"N5'H"1T]JM-IMB_V3=9P M$6;;K8>6/W)VE"1QV-`'#>'K:YT/Q-
XPTCP|:PM#;BRGM;.XN'2%&D M5O,PV&*YVYP!U]*A\4OXAE\1>"&,.F6VK_;+K8OFO- !Y#=3M1CQGMUKT*.R MM8;N>[BMXDN+(=%*)I54!I N=NX]\9./K1-
96MQ+Z98Z5;?"+2_$<&I(TO)*M-XCANXH]>1,EF<2&>^^2%S@<5)RF.AS[OQ>G>.T^^SHQ5A]BP5.'/W$=>C0 N>%?#EK?PWT&A:=-%=P%BF2V0,@'3!QO5N;1M,N5O%GT^VD%
[M^U!X@?J\@:,;M_P"]@ 9]*.'FL-,\1?$77[3Q&1)!86=LUC!+,T:HC*QDE4 CG<,;NHP*Z/MQ.(1\-M9%M+Y*!D3^7)YE >ODG!W?Q9'?O5_5?#>AZY+#+]ND65[)#_`*MK
MB!7*^PR.GM5^6UMYK1[26&-[9XS$T3*"I0C!4CIC'&* /+K/2;77?$GA2PQ_M #9++_A%A*]NLK*DI#1 !P#\PYSCU K(U+3+6X^'NH65PC30Z7XH^QV8DD9C
M%";E>,,YR1AB,>:>QQ:,8P3PSQ6<"30P_9XG6, I%P=@/9>!Q["HVT;3&@E@ M;]8PS3_ &F1#$,/+N#;R,K9 2+4 <+/HVE7_Q$_P"$>%(=,COKHZ;OC%+&RN(YVW_9MV,+)U(!+J#G
MM[5ZQJ_A_1]?CC35]+M+Y8SE/M$2OM[<9Z5-_9.G'UMK46%L+>U=9+>(1*%B M9?NE1C ([8H X+6O"^E1^,?",@0PRPZ4;>_9[6.9PLG^J;#'.2,G,._IQ7-R M^&[%?!WCFYWW9DT:
[NDTK-R^+((BRKY8SQ\S'GTP*]FDLK66\@NY+>)[F!66 M*5E!9 V-P!{9P, 2HCI.G&VO+:661LNJPR% 3GKD#G]:]8OO#6AZI-;S7^D6-S); +"TT'L4 Z 9'
M3VI,KPWH}+6EW6DVU^$=T=L*E$//(&,#!?S- 'GD* O=*N_R'X7)5[58N=*T?P]KG=$C2M+?1V(IC',S_;+8Q,SR/DG M=@A3N/0FO18M-
L8)I98K.!)))HUBD98P"Z*"%4^H >]P/>]>E^%]!T6YDN=+T: MPLYY!AY((%1B/3('3VH \IO-%M9_!/C7Q!(]R=4L-4OGLY_/<&V*2DC8 <+S
MG/KGZ5Z=XDU2TT[P3?:EJ23O;):.%IDMW*.P(QA6!!!.>N1BM$Z1HLKFS-A; M&UNF=[B'RQME9SEBP[D]\U8EMX)[9[:.&.2\'T*-$Z@JRD8((Z$8[4 >8>&8'
MTGXH6EI#IMEI.5WI,LLMI:7[7 ?#QI'<%5 ;EAD9SSS6(%L6[E|-?OB>*2 M.YL_;K13=/.Y;8TXC,>,XV;3C;GWZUZYIGAQ0M&D633-L;210P#P0*K -C(
MR!GG:OY"IUT;3%T^'3UT^V%G RO% (AL0]VY2%Z @_6@#S2ZL=)UJ^\=7WB M4\:.\TV8Q6K-AZAJ46I7FD6-Q>Q#"7$L"LZ@=.2.WZ5?MK:"RM8K6UA2&WA0)'-M%&H544# Z 4
>.^$]'U;4])\;Z ;!I<-X]Q#/=:HV]2M/<^M^]B=/+P2*;^^&RRR"2ZUA6A8,=RZ?)F=\'VVR1_B*['3PEX=BU7^U$T M/3EO]_F?:!;KOW?WLXZ^_6K[:98-]BZFUG ;](O)6Y,8\P)G.T-
UQGM0!Y3= M:;?^)_%/BR&:PTZYFLYU@M6N]2EMWLHO*4H\:K&P&22V[()":M)M&;6/&OA M[3/$%P;W9X=9[H0S,(KF021@DXQN4DD\]>*[?5/"V@:W3H-JR3P M*
[8],D=/:KR:=91W,5S';0)/%#Y$0=@/9<@<>U`\+?#@=7T!9) M&M|#6+[UME=RQ2)6^5%=!T>S\3>-9H,6..ZMKLI#\YRJ-;(3P3W M):O1K:RM;(2BUMXH?.E:.3RU"
[W;JQQU)\:]MH.D/]YU9M,M#[}3RS=&%?,* MXQC=C/3CZ4 >2Z-HEGI'@GP#KUF9UU2:]LHI+@S,2T4AVM'G.-F#@#'&/K6Q M#INC>(KKQG>^)YB;O3[V6&)\)V0V5NJ*8W0
C;G);=W->C#2--%G:V8L+86U MJR/;P^6-L3)}TJ.Q';'2JNH^%O#^K7R7VHZ+87=TF LTUNKM@=.2.:..#\.Z ME?3ZS\/KG5YG6XNM$N=[2MCS7_/^T;:[2]+
MS,YN2BHRL^X9+J)V]ZT=&\#^K}>HZAK$.EO]NMDM7L;*T\]NW=<Q_+@D[V)/4 MXP!BNKDLK6:Z@N1+)]BW#*&5E!;,,,-M/;(3O!PWQ+TC3=0U#PE)?6ZR;M
M8CMV9F(RC1R';P>Y JM=>&=(U?XJM874+2Y%OX=MQ':B5A&P$TH7=@_-@=,_ M7K7?:EI6GZS9-9ZG907ELQ!.4\8=/?;M0D\'^%])WB>REU[ZLI+W:PI*D;RB**24!C@I0.8.=H
M%;$GA'6H="\20VXLK(IY%/IEA8WCSBWN(LL<;D7:'VJ, 8ZUZ))H6DS:.)IL MFF6CV,C,[V[0]8V9FW$E<8R22<^M-TW0M,T*UEAT73K.R\SYB(8@=9L<%L!F_L^ULH,.V7/'FN!+,?
],QI^!JK>F:/K'QE2RUAPT3 M:"I2<V$KU=^`H!&[R.R3A:>%7.T$D#)'8D_F/(1>7K^=TFWE%SHDG MB6ZLH6N;MXHV[=-YBC:4!B4+
@<'.T#I6AKFB:CHQ=@/QNDT=A:6$UI&\&GV=-MV\ZV[\AR-R+M#?*< 8R#7J4FB:5-I(TF33;1]."A!:M"IB 0;<8JO:^%M L MM.N-/M=&L(,Y_U*0*%E WACYOQH XKQ%?
W]AXF\5W&GL_VF#PK'+'"%YVN' MF^8#U'7*J>&O#=ZUQX?U*T@TFTMHHS}KGBU66>348GB.0ZM&H9LX;.>,&O4 M!8V]WKWBVT0NGC$+3!!N9
20I/H"3Q{UFV/A+P[#FH'4\'0/MK5G]I%;JK# M/7! $^:://^TU1BTO6(\$/ M/B*\$&F+]TJ7$2O36&Q\1A4$9"]Z <;OF:)/6O8H],(=2FU&.S@2 M^G0)++<+&!
{ZCH"W4@50OO"7AW4]0^WWVAZ?@#6A$@A MC$Q4R[1O*]"<:7%H_Q$>#P]9P6< MLWAJXV1V\816D21!&2!QD;L9]Z
,ICU*QFO)+,.*]MWNH^7@652Z_5H:HFIIQ\HL6S+*GL/-0K_P.@#UZ6:*& M+5994CC&/G9@!R<#F]W]KZ;8[B0:A.;+8XG;SEQ$?1CGY?QKF?BJH?X;:HAS M@M
#@X_Y;QUD7'A30(OBOI%I'%FEL-'FD,"Q 1LR2(,R]&(#M@G/G@#T'W MMHMGJL-U"+?;N\\R#9CUW=,4R'4[*XMXYX;ZQD4-1QR)*I5V/100<$^U>46 MM]:.++1N;-
]/T^:U'BNYLK87X_T6S'F.5=AV4<@#CEAR*KZ7I1\06_CVTTZX MT^6>.2TN[*73(C' +F-"P9!D]ED"D@\\T >S&.(3K 94$S*6$98;B!U./3D? MG4-W]-
C8&,?EY;VYE.V.,32JF\^@R>.XCP#]\8ZSJ'C(QLD+6\.GVBL,%0JB M2;_R(VW/_3.]'Q ET[2]=N-=-.]HEU=P;<(H]&U0*6GBW,P\DGD.Q)7H!X50 M!Z8)HFF:%94,JJ&9 PW
'H2/0X/Y5S/BWQ>'H>G6+V,UC+=7[XEI T\X$2Y) M#.Q'}5<'.. ^*PTU[3=%^).HWFL7$>F17NBVLD_N6"MK2;D'JPW#Y1S[5S%A-M9V=_\/\ P')<6<4N_P 1.G[Z$$[&EN"5((Z'
R/;@#MAXOOYO%ECX?MY=%:8 R6D=5>RF=BKEGV[{0.=\ V 6Y]1]:ZP:E8M?&Q%[;&\ R;<2KY@'KMSFN)M]'TZ M/XP7OD:=9H\6AP218@4;'\V0!AQP-T_JVO?
$'AS3]6BU!) M)5DM"-16Z$V64L9!Z59\>.I:V>HZ%9W%#I!>Z>;R[[5US!,%5!/I\S9P.1T/-_'7 MK>VCV\=PES"T$I CD$@*?N2<]#D\4EK?V=\)#;7<%OY;,7\F0/M/H<=#7B=
MLD%]\/-05GIWA>R>75M,U+P_)XF2>_^POJ;2"(K_JR-S#RQ+M8\X^:;@#UR M'4+*YM#=?7EO+,#\3239:6/

6T5S)!R%Y55V^BDY->56FC:;IGA+X9ZA964,%[+>V7F7'"!(_F MP-Y@9NI!]#Z#T]HTOAA?"OC"#Q'!B/B22\NP\9<=#= GFKF4>]C/(^E M>=V&D)]7C{0(?$-I'=W4'A9'E2X7>!.)%5B0>"><6Z^MVVL.(+C;F2(1W@5 C=5 `&!QR?4T >Q6U!<3:S?VX,9VN(95?:?0X/%>7>*A>-=?$T6 E,_]G6'M$7WBF)-^/?9NKL/#%$X)GNXQX9;2VN5M!_QY*NY8:^W'OG%,>>9IH MT"ZTf1O&=I86%QHVMP:C>W,LE11:A93V1O(;RWDM0"3.DJE :U.[,*XOQ\|G'XD\)2:W MY8T!;B?{2;C'D"R_P!R.9,\8SOQGC.*Y;4 L=$ME\2;CP_P"2=#;255FM<=o0] MT$?>4Q\L W9N((IXS0!{!!>6MT\|6|S#*\+;,9%C<,4/H<=#]:BEU33X9%CEO[M6-VD\|5:902_'R@9Z\CCWJEX9T;3=&T6UCT^RAMP\,9D9$:0XZLW5CR>3SR M:\UO=$TR\\.?%+4+FQ@FO(KJZ$/Z4 >M17UG-=2VL5 MU!)<16X@N5GDC7#3 V^\ [VZL=PSDYYK(MK6RN- 26XUC3=/NK7Q M%] JJFJ ,;3L))%*N"1V;((.1U% 'K$NJ:?;V;?DU];1VKXVS/,H1L],,3@U M91TEC62-E=&&593D$>H-
>2SWNG:UH'AS6Q<:#HMY:Bl:WL++]BN5W;79?NX M!P&5@,X8\'=_P"%\534/!6G:G%IALHY+42+91K]P <*XHP,...!P10!0ZH M]Q=0=OT7UM+-
-JJ7PG]B:Q3P[,M\|@%\G)8>4#MXWX# ^^*I/H MVGZ=\$}!:NH+W5%(|>X6PEUB:-,R2VQ9&EW,/F*\|CL/:@#UBWU73KR&6:VOJ6> M*'_6/%,K*GU(/'XUR&B^-M4UFPO-5M,;;29[-
;DP06XO?+F"B;R\|\C$;1D L M.O &<9I5@6UC:6 MWP4$T%K!%+)K"K(\<85G"ZEA02.N!P/2@#U&#Q5I$_B.ZT);I!>VR1LP9U 8 MN6 5>AB>(SM)4,RJ M&;,,.P!Z$CTX-,%
[:&V%P+F'R&.T2^8-I.<8STSGCZUY{\1K^;PGK=EXFM48 MO=65QI3;1G,I4R6__CZL/^!5@:#IDMAX@TWX<.7E@TS4!JS.>0UNL:NH_P# MAS^5 'KIU/3UOA8F^MA>'I;F92,/
-Z36;2.IO (I0O;K.?[MV\I&0-\JWV2I]0>E ';?\)$EW927=Z4E MO>07EPD4cG4Z1#"K*6)QSN8?:M"75=.@6.. M8W;3RE5YE!+\?* 3UY M"Q7FKS:--X;\ MHKV31#6K0?9-N!+]G?
=NV Q=,YYJL^A:5?>'OB?:W=A! M/=I>7BI-(@9HPENCKM)^[AB3QW^E `JMY]-CIZWU[>6]LKG"F:54#'T&3S4E MO-PRG\17B^L:O'!XAL9+ZWTV[:?PS;((]6=E0,YO\ .@#K:***M
"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ H MHHH **** "BBB@ HHHH
**** "BBB@ HHHH **** "BBB@ HHHH **** "BB@ HHHH ****" MBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ** M**
"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH MH **** "BBB@ HHHH **** "BBB@ HHHH **** (KBY&M+=[BXD6.)!EG;H!
M69_PE>@_]!2W_P"^J;XN_P"14U'_*Y?U%>)UV8;#1JQ;,.:O7=-V2/;O^$K MT'_H*6__'U1_P)7H/_$%+?_OJO$:*ZJ,.L;/K@_]!2W_P"^ MJ/\A*!]_P"!@!,_]!5XC11!1AW8?
6Y=CV[_A*!]'_Z"EO_P!]4?\ "5Z#_P!! M2W_[ZKQ&BCZC#NP^MR[!MW_"5Z#_ -!2W_[ZH_X2O0?^@I;__/?5>(T4?48=.MV'UN78]N_P"$KT'_*'EO_WU1_PE>@_]!2W_
.^]\1HH^HP[L/KW?\)7H/_04M_P#OJC_A*!]'_Z"EO_P!] M5XC11!1AW8?6Y=CV[_(2OO?\ H*6__?5>(T4?48=V'UN78]N_X2O0?^@I;__/?5>(T4?48=V'UN78]N_X2O0?^@I M;_\ 25' E>@_\ 04M_^^]\1HH^HP[L/K M@_]!2W_ .^]/^$KT'M_H*6_P#WU7B-%'U&'=A];EV;O\ A*!]'_P"@I;_]!4?\)7H/_04M_P#OJ@$: M*/[;.
[#ZW+L>W?\ "5Z#_P!!2W_[ZH_X2O0?^@I;_P#?5>(T4?48=V'UN78] MN_X2O0?^@I;_ /?5' "5Z#_T%+?_ +ZKQ&BCZC#NP^MR[!MW_"5Z#_T%+?\ M[ZH_X2O0?^@I;_\ ?5>(T4?
48=V'UN78]N_X2O0?^@I_P#?5>'5Z# -!2 MW_[ZKQ&BCZC#NP^MR[!MW_"5Z#_T'%+?_ +ZH_P"$KT' *'EO_WU7B-%'U&'=A];EV;O^$KT'_H*6_ 'U1_P)7H/_$%+?_OJO$:*/[;.[#ZW+L>W?\)7 MH/\ T%+?_OJC_A*!]'_Z"EO\ ]!5XC11!1AW8?6Y=CV[_(2OO?\ H*6__?5' M_"5Z#_T%+?\ [ZKQ&BCZC#NP^MR[!MW_E>@_\ 04M_^^]/^$KT'_H*6_\ MWU7B-
%'U&'=A];EV;O^$KT'_H*6_P#WU1_PE>@_]!2W_P"^]\1HH^HP[L/K M@_]!2W_ .^]/^$KT'_H*6__'U7B-%'U&'=A];EV;O^$KT'_H* M6_\
WU1_PE>@_P#04M_^^]\1HH^HP[L/K@_]!2W_P"^]/\ A*!]'_P"@I;_]!5XC11!1AW8?6Y=CV[_A*!]'_Z"EO_P!]4?\ "5Z#_P!!2W_[ZKQ&BCZC#NP^MR[!MW_"5Z# -
:2W_[ZH_X2O0?^@I;__/?5>(T4?48=V'UN78]N_M_P"$KT'_*'EO_WU1_PE>@_]!2W_ .^]\1HH^HP[L/KW?\)7H/_04M_P#OJC_A*!]'_Z"EO_P!]5XC11!1A MW8?6Y=CV[_A*!]'_Z"EO_ -]4?
\)7H/\ T%+?_OJO$:*/[;.[#ZW+L>W?\)7H M/_04M_\ OJC_ (2OO?\ H*6_ ?5>(T4?48=V'UN78]N_X2O0?^@I;_\ ?5' M E>@_\ 04M_^^]\1HH^HP[L/K@_P#04M_^^]/^$KT'_H*6_P#W
MU7B-%'U&'=A];EV;/O\ A*!]'_P"@I;_]!4?\)7H/_04M_P#OJO$:*/[;.[#ZW+L>W?\ "5Z#_P!!2W_[ZH_X2O0?^@I;_P#?5' "5Z#_ -!2W_[ZKQ&B MCZC#NP^MR[!MW_"5Z#_T%+?_ +ZH_P"$KT'_
'EO_WU7B-%'U&'=A];EV;_MO^$KT' H*6__'U1_P)7H/_$%+?_OJO$:/[;.[#ZW+L>W?\)7H/\ T%+? M_OJC_A*!]'_Z"EO\ ]]5XC11!1AW8?6Y=CV[_(2OO?\ H*6__?5' "5Z#_T% M+?\
[ZKQ&BCZC#NP^MR[!MW_E>@_\ 04M_^^]/^$KT'_H*6_\ WU7B-%'U&'=A];EV;/O^$KT'_H*6_P#WU1_PE>@_]!2W_P"^]\1HH^HP[L/K@_]!2W_ .^]/^$KT'_H*6__'U7B-
%'U&'=A];EV;O^$KT'_H*6_\ WU1_ MPE>@_P#04M_^^]\1HH^HP[L/K@_]!2W_P"^]/\ A*!]'_P"@I;_] M]5XC11!1AW8?6Y=CV[_A*!]'_Z"EO_P!]4?\ "5Z#_P!!2W_[ZKQ&BCZC#NP^
MMR[!MW_"5Z# -!2W_[ZH_X2O0?^@I;__/?5>(T4?48=V'UN78]N_P"$KT'_M_*'EO_WU1_PE>@_]!2W_ .^]\1HH^HP[L/KW?\)7H/_04M_P#OJC_A*!]'_Z"EO_P!]5XC11!1AW8?6Y=CV
M[_A*!]'_Z"EO__]4?\)7HA\ T%+?_OJO$:*/[;.[#ZW+L>W?\)7H/_04M_\ MOJC_(2OO?\ H*6__?5>(T4?48=V'UN78]N_X2O0?^@I;_\ ?5:T\Z/_R!++#_KVC_]!%A MTRV6FOX@?PX+&/ #1+=
[F\W50N=W&CIBN0KK&U/2DUN3Q'=,9V4R+9^4=_MPE*XY;IMR%G#%1C?+'&"3MD#;67GW"ZTY]7M\1;7-'O2QL#%&C./F**V2Q [D MDG%6=.UZSMX;TSAFEAG>YL#C^-
@5Y]!!UOJ*GWU9E>X]HC\2Z?86-A8?8HP' M#RPS2AB?-9-@\ ,MTK0.G:=-K7]DG2XXX?LRR&]1G#1GR@VXY.W&?:N>O+V& M?0=.M5^N##;7LYL?*C7RMS!"U@?PQ>731@SI?
97DGCE5C$S@A0P/3ZTVQN+/3VU:(7/FI-9M%%((R-[M$J>AZ=#U]*MMZK^NA*2T8[P];V6ZXO\ 4XO-L[<(A3)&YG; Z>@W'*C_LM; M7Q9'IDXWQ"[2,_>0L,?
F#^M31ZQ!8Z%;650!,W$CR--<>(L%;HH'T\ZEN M=7M+55=%U)RLF65H(=1U&|B,T%GM58-Q4.[$A02.<#)]_H>OV=IM=R+UF-A+
<_:$8*24<,2K8]QD'ZUGZ7[%HL6H6%ZSQVU[M(E1=QC=22IQW?)S M4KG2:?D/W79^I5O+RUO%C\O3H;64-\S0LVUAZ8)//OFMWQ+9-I\U[%#X>CBL
MT;:EWLEX'&#DMC]*PKRWT^V6/[+?M=R%LL5A**H_'DG*T_$#Z;]%_>7]OJV MXRMO2 P."?,/2]?Q*U[?/R$MG??Y&*UHZ6,=V9(BCN4"|_G!'"3N&UR_EY=R/18[
M;5=6NIK**4P0>9'"Q;:1+],<'/0^M/U+3H9H-(GM]46<]^61H-Q*C# !AG) M.?TJ+2-2325U7RKITEDA\NWE0$%CO!S[<.|;SSI%T]:>S3R33QLK!Y&+'@Y
M'6KY9.3;_K0F\>6W];FS>76DZ;J0+X8GLBQ\[M)0N#[T*.MP)S]2*KE=K/N+F5].O)%;V_A[4KPP*LJ?$0CVDX0-NU5!SX'?TK1ET>SN/"M]]M%MU%;TV^TD M;8;2)
$<8QAF)7\CC-3V-UHUEK";G;ZM/%;B3S6LS"V[_=R/E/US4MRM=I_B M5[M{(Y5OO'-(YZ'M6OJ5C$]EI5W91,10?QK)D8/*[#H6)K MH/#VKV5G:2Q7^3Y$HN[4!218F+-
_P!]#]*H:,,6L&D?.K7D N DJP0PLQ"ER"26QS@ =*CT/4(I M77%O+N0A2LNYL$DED8=OOJ2R1V>]Z%=WL5G':75FR%Q"6V2(QQT).*'C\ZK:I;P0:9I$1-4
M85YX&:0Y^\0[#/Y"HKFQT_1KBPLKDWH: M3IDH^M';6NMK_I_F#L_6WZD/A^WL]]Q?ZE#YMG;*H9 M,D;F8X X]MQ_"H+VW71->G@D@CN8XG(5)
<[74CY3P0>A!ZU9BU>"PT&"S@A@ MN)9)6FN!/$6"D<(!^&3^-1ZYJ-OJL5C=*%2]6(Q3QHI"C:?E(_#C*:YN?79 M_P!?YB?+RZ;ES6IK*WLK(0Z1:(]W;"5G!DRC%F'R_-[=\U6NM-
CD@T*,W0)- M>1X=N?F8R%0?Y57U>\@N[?3$A8L8+18L'_-N8X_45- N>M4:WCL8O<****8@HHHH ***** "BBB@ HHHH **** M*** "BBB@ HHHH **** "BBB@ HHHH ***** "BBB@
HHHH **** "BBB@ HHHH **** "BBB@ HHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH *]YT?_) EA_U[1_\ H(KP:O>=' Y
EA_U[1_ ^@BN#'_#$[.'NRf[11 M17F'>%%%% !1110 4444 %%%% !1110!B^+O^14U' KE_45XG7T*RJZE6 (/ M4$5']EM_^>$7_? KKH8GV46K7.>M0]HW/GZBOH'[+;_ //"+_O@4?9;?
_GA M%_WP*W^OK^7\3'ZF^Y_45]_9;?_GA%_P\"("C[+;_\/"+_ +X%'V6W_P">$7_? H^OK^7\0^ION?/U%?0/V6W_Y X1?\ ? H^RV__ #PB_P"^\!1]?7\OXA]3?<^?]*^@?LMO_\|\(O^^!1]?7\OXA]3?<^?]*^@?LMO\ \|\(O^^!1]EM_^>$7_? H M^OK^7\0^ION?/U%?0/V6W_YX1?\ ? H^RV__ #PB_P"^!1]?7\OXA]3?<^?]
M*^@?LMO_\(O^^!1]EM_P#GA%_WP*/KZ_E_$/];GS^69L9).!@9/04E?0/ MV6W_.>$7_? H^RV_P#SPB_[X%+Z^OY0^ION?/U%?0/V6W_YX1?]\"C[+;_\M|
(O^^!3^OK^7\0^ION?/U%?0/V6W_P">$7_? H^RV_\ SPB_[X%\U?R_B'U-M-ISY^HKZ!^RV_P#SPB_[X%\V6W_YX1?]\"CZ^OY?Q#ZF^Y_45]_9;?_GA% M_P!\"C[+;_\/"+_ +X%'U?
R_B'U-ISY^HKZ!^RV_+ SPB_[X%'V6W_.>$ M7_? H^OK^7\0^ION?/U%?0/V6W_YX1?]\"C[+;_\|(O^^!1]?7\OXA]3?<^? MJ*^@?LMO_P \(O\ O@4?9;?_)X1?]\"CZ^OY?Q#ZF^Y_45]
_9;?\ YX1? M]\"C[+;_ //"+_O@4??U_+^(?4WW/GZBOH'[+;_\|(O^^!1]EM_^>$7_ 'P* MK/Z_E_$/];GS]17T#]EM_\ GA%_WP*/LMO_,\(O^^!1]?7\OXA]3?<^?]* M^@?LMO\ \|
(O^^!1]EM_^>$7_? H^OK^7\0^ION?/U%?0/V6W_YX1?\ ? H^ MRV__ #PB_P"^!1]?7\OXA]3?<^?]*^@?LMO_ ,\(O^^!1]EM_P#GA%_WP*/K MZ_E_$/];GS]17T#]EM_^>$7_?
H^RV__/"+_O@4?7U_+^(?4WW/GZBOH'[+ M;_\/"+_ +X%'V6W_P">$7_? H^OK^7\0^ION?/U%?0/V6W_ .>$7_? H^RV M_P#SPB_[X%'U\?R_B'U-ISY^HKZ!^RV__/"+_O@4?9;?
_GA%_P\"CZ^OY?Q M#ZF^Y_45]_9;?_)X1?]\"C[+;_P#/"+_O@4?7U_+^(?4WW/GZBOH'[+;_ M //"+_O@4?9;?_GA%_WP*/KZ_E_$/];GS]17T#]EM_^>$7_ 'P*/LMO_P \M(O\ O@4?
7U_+^(?4WW/GZBOH'[+;_P#/"+_O@4?9;?\ YX1?]\"CZ^OY?Q#ZF^Y_45]_9;?_GA% WP*/LMO_SPB_[X%'U\?R_B'U-ISY^KWG1_^0)8?]>T?_H[QOJEM_|GA%_WP*D M & .@%<^(Q'M4E:QM1H>S;=Q:***Y3H"BBB@ HHHH ***** "BBB@ HHHH M ****
"BJL&IV%S=26MO?6TMQ'1^*.56=?J H66GJK M7MY;VRN<*9I50,?09-6%974,I#*1D$'((H 6BBB@ HHHH **B%U;M=/:K/$; MA$##M"'&]5/)'7!P>?:F7-_;65 K'!D?!\.T>^3^%
%BBB@ M HHHH ***** "BBLZ37M*ABN99+^!4M9UMIV+<1RMM"H?<[U_,4 :-%%% !11 M10 445FW?B#2+'5;,2]K4((K^YP8;=F^=@3@"N>]ZF@#2HHHH ***** "BHK
M>ZM[N,R6T\4R!BA:-PP# X(R.X/&*#=6XNUM#/$+ED,@A+C>5!P6V[<9(YH MEHHHH ***** "BBB@ HJ*YNK>SA,UU/%!$%"+RN%7). ,GU)]6@ HJM8WH]J M=]+JRG2>
LR"1#D$JQ5A^!!'X59H ***** "BJU_?VFF6;W=]. D%NA4-(YP 2 M0H_,D#\;LT %%%% !1145M=6H];K<6L\4\+YVR1.&4X.#@CC]"*):*@O;VV MTZRFO;R9(;:!"\LCG 51U)J9'61%=""K#
((IB@!:***** "BBB@ HHHH ***** M"BBB@ HHHH **BGNK>\O\1^%/#YL@BC\QPN!ST449ZD*E2T %%%16!U;W;.]M/ M%,]N49HW # ,#@@X@114M !1110 445FP^(-(N
-:ET:'4(\-1A7=);]V64<= M*??D<>] &E115;* M)K^XL8IT:ZME1YH@?F0/G:3]=I_*@"S144MU;PS0PRSQ-M1RSDB)"EH **CGN(;6%IKB:,&)>KR,%4?B:,;;7=M>1^9;W$ M4\>
<;HG##/U% $U%%4?[9TS%V3?VZK:2B&X9Y HC<@$*2>A.Y?S% %ZBBB@ MHHHH ***** "BBH;N[M["SGO+N58;>!&DED*>+)7?$X9<@X(R/0@B@"
M6B6H+R\M/LI[R[F6&V@0R2R.@">BBB@ HHHH ***** "BBB@ HHHH ***** "J6L",Z)? MB6[^QQFWD#W.<>J-IR^?;K^%?:J:HUOK&DW>FW:EK:[A>&4*
<':P(.#V/- M'C?A@_:7@J"\T6'18;5F%KJT<)7^TVV.BJ/E!3S 2Y#\MCBO9=1L(M3L);* M=YEAE #F&5HV(SDCAQV)KT+:P/=&72X]4\0W6H6.ERI-:V[01QY=!A"
M[*.MM_#)ZYK932=0BM=3CCURY\Z[N#-!,\;/JE4X^101@@8/7UH Y_X86L%E MI6O6EM$L5O#KU[*&HP%4. /PKK-5U*#1](O-2NFQ!:0O-(?902?Y5A^%O"
MEYX:N+QGUZ>]eN#Y!F2&2WC0>=(P+/E1GI>.G-;/B308 $NCMI<\[Q6TDL;S M! "9$5PQ0^@:,,'VH \N\":GI^E>+=(G35[&ZNO$]K(V1107*2&.I%W&9-P!./ ME=X_^
BN@N_$'BZYC\67EA>;;;VN@W,JQQR6S2-YBNH+B')=T;HP(_ C(_&FQ^%(([#Q':'YD*ZY+++(VT M9B,D2QD#UP\S0!F6WC*6+7(O[2\N'2K[15U.U?&"C(,S(3WPK*WTS6SX1O\
M4=5*V&HZJB1W5YAG\M%P$1B61?]%*Y\UROCCP>=3T?PKH-M%=2F"ZCMY+J M,$>7;"(K-O(X 9>,=R17HBJ[(H55& ,*///"VE;?XG\0^*]6UNSM[^Y
M@U233H$%NHQ(L$$;K@*K9 W%B3ZYJ_=RW=CKMAX++!?9=+B2SDO99I(3*(H_ MVA(TW 9+,>IP .!5]]\&SC7+05M"UVZT>>]V;(XX8YHF48#[7!VMCC(ZXZ
M4EUX+F:73[ZSU^^@U>SB> W\]I*T\;MN99%((W#YK#PW$EL=0U&ZN-8BOM2O855KD #EXT M'RG "]%P0 3P:-)T?4M:M];T)!]63PW=:>88Y=2M(X)DG8D-L550E=N/O#KT M[T
:%GK7B6R\}2^'X-7N;"XM=<2?]S;P,AM72/S Y8[P0""2!SSQTK-;Q3XJ MNO"%WXWL[G3TTV'S9HM,>V);2WC8@EI=W#D*2,# X'-=E<^'8;G4M!O3.ZMH MY+(]-
U[7M2%E;M%;^'H;]7$06:3+2$(S]=O X[9-9>HKXF.I>!KC6[ZPN-M8KG4EE,=O;F)H)#!(=@.X[UP3R<'(]^.RNO"%A>ZGJ=U<,S0ZAIJ;;+;@-*(
MU+G(/K\Y^F*S+7P%;K)&M8ZA:,'293;Q6QTN:X^V2H@+;G7A 2=H Y'4U;U;QM^2 M7UK;+]=AX=231DU,MJ$6]G=B1Y0!9<;<<]^16+]+X2O+?5K^]T37[C3$U"037 M,
MXYE,NT*73H..E>W S M5)/'>NW"@NUO+/[%.J;:X-)\OXFCBF'F%0^TGI3:=XALTGC\PP1N7AD;@2)\T/M5"=O0YJ[;> ;>WTR&R;4KF8OZPNKM-*J[MY) ^X@X &"?0"@"K=7_BA-
9TOPM#JUD=1FMYKVZU$V7RK$K*JJD6_&26)+= M!FN-G%ZOA/Q@NM UX/%%%H)6@!",=]KR >1DIKTK7O##ZKJ=CJUAJAK-C^'ENFBZEITFJWDYU#4(M0EN)@!?S$,9
M(XP,$\Q-QG Z4 9.M>-]J_$FL:=8ZC#IZ;?LC0/LMT;F4H'(8IPBC'(KU-+ MJ'C35FM!'N9Y4\.V_-8^?/> 75DTR1W&0!"W(S8Y)RX,^U=#=^%+I=[NDL[&>]E8X8VD;;Z
9./RKF|2\$37NDKHEOKMU;;(;1+,2S\ MB.0F-5V_*Y&5)Y//J.5U*VL*V8M-@_C\K8>=L0-O^4KW.#N]!5YW^'9CM;32KC7IVYT"TE22'3GC0<(VY$>0#+M8!*:AK-EKTUMJ8M=
(;5;>:W@,!.UMC1LNYOXB MN#Z$]:T?B)I-WK-AHEM:?:E9=9MI))K4?/ @W9DS@XQD')XJ6V\#12RZG<:] MJ, ^KW6H6GV%Y)(UB"6_)V*JC))R3ZXZ4 9K;QXJT*30;
[6+VPO+35;N*TGM M8+4QFV>4';4?<=P!P#D<|:DT;O}5YXSNM.U'4[6PDCNI4BTF:S*O/ N=D# <.M!;#B\|< &3#JOB"U.TFMQ)9VTL4; .K#HTC*,N5!XZ<\\U
M, A*ZO-:LKW4]=N+VUL+EKJUMF@C0HY# ;G498 ,<#CMG-'"ZG=ZI?^%--F MT^XL],QXJ-NR06F Y^UE4<@,.F L/XL]1747VL3:'XLC&I);7;VOAZYO\[N. MV$H3Q2?
VBVI0W*HI:*45&4<'@@$XY MZBKG_"*)<:1#]&I7KWLHTR73I@T:HLRR,K,Q"]/NXP/6@#F5XA\5Z9HVD>)M M2NM/FL+^:W6XT^*V*FWCF("E)-Q+,NYO"YH NZ%[7]L^'M-U
M0Q^6;RUBN'@.=N!0V/UKC&U!Q5]^.G:UKVDWFGVUEIT|Q%,V4UJ9#QB^EXGU_7|,T;Q'T":TL(-2T4:F\US M"9FA!9> H(W'Y@.2.YKMKZ.IDTN:.VN8X+LQX69HMZ]WKMR,_3-
9]MX9M+/Q M#:ZK;,T:VNF_V;%;@?*L>]6!SUXV@5MD @@1#0!X_HUUJEA\$;'4+ZXL]3CD M-F{((+FTW",-<*IW$L=Y^;(.!@BM[18=<;XL^)0=8A-I%':.\!M#\]T;>;M53O M^4C'+8.
[T%7;;X?&'PG)X:DU]XFTY987M5:% T"QRB0+D?>R0!D]A6]WAJ6/ MQA)K]G]DUN+B*.*\M?*1EG$>[81W9@5((92)"I'<5)]F MF>)H?#5[:VNLS7V]7C)%#<>5' MHI.&< <\#)ZDD@
8H ZIPQ1@C!6(."1G! MKRRZ^)6]6GAW0:AX(&OA=R)K*!>(H8)!',P&>#ET{C7]42&.)$9RY50"S=6 M)S7)+\.]_MCQ%?//;Z:W \+PS#R@M=0$K=5 ,:-M9OM5\, ^-(XQ$U
MAI]U9VMMQ@O,)(FDR?0%E7\#6[;ZWKVB^X]-U^[L[RVNM/FO5:UMC$8&B*[MD&6.Y<-P3@\5/#X M8O ;^%S?3NLDHFFO',DC^.)2QI*Y:#X=>79V^CS: M]>S^'K>59(]
>-.BMN6-L,;F0s#CKP!FNXH XK3_ !E/KUIX4ATP1A=1M'O[M_*Y,42]%VCT)E8+ _,:-8VB^)M2G\-^%=,TF'3[""UB6[>+;8AMXX78NRQI M1EC\O&<9))KI_#/@FR\,.KJE ;3RRF^?,
<[7-M?:1+++;?R(I9?,+%U93PRD-@CV%'/>)M7U8>&O&_AS6IK>ZGM-) M^U07<$7E>;$X889.D!@RGH>0>U:?B/Q!>.5!#';^)-.L)({%9HI-K)KB60@=-M7VM\]' &<>O-;)\QW&E:
[#?ZI<7>H:U!Y%S>M&JE4 (540<*!DG'O4UM2^!MND>;;PU:>TO-!3R[:]2J/N4Q^6P9&XY M'Y5/<^$[MM:;NM5T?79].GO4C6\7[/[*DS(NU7 8?*V....#@<4 <_?^-=?:R]
M/W5Q(OAVROL,S7-Y?ZIXUOM+URWOQ!M^CZG'9S:?,V3XC M1Y G^NW$>8N02#CG(P*N7>L>+-0U_P 4V>E?NG6=MHQC;)IK8RO*6@638?F-M"Y)^;D\CCCF5?
AP4MH=/77[L.3;7ZWUO:"&/Y?$OF[6?&YESG'3KWQ706WAR-M&VU"7KP3NS:P4,BD#$>V(1\>O S0!@:.5XSN[K4O#N8\9>#7;X= MZ)X8T\74]Q!
<6UM!=1+AH5P4>5|=%\LN#]17H5K;0V5I#:VZ!{88UCC0=%4# M-Y"@=BY=1\5;OXM\0Z3I-]HC;Z9Y\CEFMC,I\&0;.1N SG)Y/3 K-A>;>M(=?
M?!Z:3]BLKC6X;K[4\T9D6!H=H9E7(SSNP">XR>*G7PSK5YX\\5WEIJU_MH\5Q]EC21(5>.=1" Q7-PZ9.> MO%5=)\<:G=MX9N;V&"&UU"XN--O50$B.

*{0L$*D_PL8W&#ZBMK4/"5R^NW>KZ-M-KEQI5Q?1HEX]0I*DNP85@&'RL!QGIP.*;=>!-/E\$Q^&;:XN+=(6666&[#;1 MDF5 ,_\W/]\XMDGZF@# N/$UX]5M9ZA);64UC-XHBLK'S8 ^(58H903T8NKD,. M@J_I7B34KOQK=:;]&IVNGO'=21P:7-9D-M9O!MD M-"T'289I(H-'N+>XB( )D,7|[ZG))]*,;PE=7VM6EWJ6NW%W:65V;RVM6@C0I M)A@H+@9*]&.!QVR30!SEIXHOH=(6TTRUT^'WU#4?$5U\+B#;%&]NY;5E4C2I!!'&;NR^ ;5] M)-I'|%S#;PSX5O]72$3RP*HBC)P&=F"*?3X(/8@@$>X MH Y=M2\3^']=T6UUC4+& MM7D>)VAM#$;,,;877;\YM9I+!.#'T-5?AC:ZK%/X MDDO-2@N:/[9ND=$M/++2AE65)NWG-(&-K.7GO8ZCK.7/&IX,[&D MD*1*C,NTNVT?.^W(R>F3Q6IH6A1:&NHB*9Y?MM]+>MN &UT""5'L,4 %?$FI:IK\]KJFIVMK>))*'T2 M2S,!K;3(/#D27DKC0Y)GC)4?O?,5U.?3&_| M2GVWA*Z.O6&[:IKMQ}T[S#9QO!'&4+KM)9E W';<=AWH S_(LF,>';L1E MC%|;XPF\N//3(V]\^G>L>P\G2O$FK^+!--\/W.CZ'9Z-)}HBDMOLINYE.\$1 M?[*@C<0/O8KNO$>@Q> {!*%A-,!*BXAGW(3F.17 Y]=N*OWE!?V-Q9W^'2W MN(VBE0 Q*PT1=1H XZ_XKTG3M%U_5+O3IBRU&>%WN+&&V*&W68@*4MF<&V+7=M+G(\YQBDKN]O3I^Z/'KH6UM<%=? ME\NYB$D9W?9ER5/<9R/0@&NEL_ 4L?]FV MU_X@O;_2],D26TLY8HU^>\ 5^8X&7V]NG(&V.NVK7DJK]|]%>N MP49C,9B(4>H/E#|Z *TFI^(=|\3:S8Z)?65A;,0T<1-O:F8W$K(',&7:H!4 M<9/6]MYXUO\ 1H/%T&HI"]_I@2:P6-2!,DP"Q+C[<2Y4GZ5]7W@^Y?7;W5-(MUZ[TIM05%O8XHHY!(4&T.N\'8VWC(ST"%9?B+PP=7^)/AB<07)@L8));RX(/ MERA&4PHQZ%A)E|>Q}: .VL!=+!UL+YT>\$2B=HQA2^!N(*89S7E\/B_QH?"F MF^) .TJ2&YO%M!8&!EWAI3$',F>#NQP%QCU->L5RD?@:VC\(V'AX7DIBL[M+ MI9=HW.5F\W'UXH &Z7]^O6?BG4=!UB|L/UTU=0@ND@,"QY9D9&&XY4$ YS M6$:RM(&W\OBW2]+&OV&L0:G',#);V+0K Z)N!4BQ$BG!'7TYKJ-2\)VF]:Q M?7]S-+MO-*;2Y(EP/W99F+ ^OS$5GZ9X'N+34|%O:W7[F]_L=`BM8C!<&@1H MRG.T9+8QS[=!S0!F6GC35;S0M&M_L"^(KC53IMVFS*QF)B9G"YZ>6N1_OBN@ M^(' "3KQ+_V#+C_-%M6-HWAH_|+8U_7FMIX;6.*..W\P$)),Z+YLB#_=2-`M2>YS76ZY!:.YH&H:3)(T2?MO);M(HR5#*5R/SH XJQU;Q+H,GA8ZI=6%SI^K M,EF;>"W9&MG,1:,ARQW_ '<'(%M61_&G5;%VCSUNUG26*2ZVIHZ;9,S-]YFS M/GCC?M^;T[5UEAXS>WU+39_ %V]\&UTK)L+:=$ C8KM#.P&7(4D#/3W-/T[MP=?:,WV;2O$=U;Z0)FE6R^SQ.8PS;F1789"DD]B1G@T =+?2SP:?IRZS:7&I6>FR7$FGM8M;RV"S)?7M[K>]RZI< M75@VG$^2D(6!CEAA1R2>_P"0% #+GQ)? Q1>#&7RLZO,B765[&:!#M]/F KD= M-G\3V&E^,)5TF\T^*UT_6+ZX^S36[2-Q\ 3V]UHLM M[XCOKV/11 ;.%XT10@1DPVT?,V"/F/ITY-13_#]61=6MH/$NH6^GZO_KMQVZ9 MYK/T/OQW0U?Z')+=1WR:G(7-G#I,HDO{QB0F>67=Y*UM=A\6HXGAG5-&-I;CQ-=W&F6@"16TEO%N* M-857DQD@<=+,'CK0!G^']3\2^)F.M6M|86VE?:9((D)5F>2&.0HSF3=PYVL0 M,8'&<]:I_#V'7/[:\3-->ZQ#=]X/W<'Z\UK6/@VY-MTO4)#]_B"]MM)DNS>-IZQ1D!RVYE%A&X(6ZJ/4\\UOW%IK"6HM+ MBY%O&ZW*`]ANC{P""201C&2.: )O!NN?NLV.H0ZFL/V_3+`^6QG>`%4E*!2'4 M$DC*LO&3SF]6H:IK^]>,;O0]#N[.QCTZUBGGFN+5.5X/7&?6NA\/>)=2O_!3)M6A\)Z VD6VF6]5J.NW%BR>1LA5=|\_S; M5QS\@)]3GIG-=)HO@VYT&:*WI_$%ZNBP2M+#IWE1X7))V>9C<4!)P/PS6'KW M@NXM=)\.:1IMQ>D0Z\UT|W HWP!Q.^X\$!6J YX/0!: *OB/5M8AT:QIX:UI_MYMIV2+0GO:>Z@@\G"#T-.L>]26OB588[:UWQ>%A=+.81YN0^ M N_KL[]?7FK@\!BXLM=&IZO<7VH:Q:?8Y;MHD3RH@"]{O &6)/]:T&\)P-J MK7_VF3<=)_LO;M&-F[._ZT $];U*YTZ6RUN:"WDLX;=E:+S4) M602%N3D-,!0+]IN8/$&FW'V2X16TJ.R=CL+*"K5!CM?!SR . M@Q73_P#"'V_]@^'=*^URI-$FMY8WVC,IA7; ?3-9-I\.#=VVJ6$>OW<&E:A= MM>26]0ODB5F#GYR,E=PSC|<<<4 2SZGXDU'Q_?Z)IMW96EA96]M<22RVYED;> M7R6W<|4&\;:NGAZZLS|G_X26/6!!$8\QY&9G#))MS]WR3N_X";Z M^UT.*U\3;CK.S.TE]!#"T9 PHCWX(/OO_2N87PT;KXRS:Y]FGCM+6PC)=P1' M-=`>H9?4K$2I/N* .\HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** M"BBB@ HHK+|\1WT6G>`]RI{FU(Z,'&@S=B,2&/) &% (,XG. ,'DC@T .E%>7:= MXJU'2-9U]"2XU>]LL;0Y-3C75[98I?,1B'"%VJN5(QU'!%,N@;3KM|HMJ5UX MMOFEOI,2311#"$C9U# Q?)E=N<<[L]Z .FOM8TI3=,.I7=Y%'9 J/.SE,2%W+JWRC< %&,X- ')O$6MZ9X/ MBBU-;*\O|ZJL|RXB@5A({5D!=5/-)\O{(GH0,5TOA&[U&/7O$>A7^HRZ@FF MRP-;W$Z}2DL>[:VT '!!YQOWH ZZBJ>KS26VC7T\+,98[>1T;'0A20\MXOS& M]#P=O1=M|U^2$L6[M]|_O5DB)<2^R1VQ0!Z!17FOF>)-9?Q?<0^)I[&/2 M;V6.5BA@B(RL2\A-O"RG"3\Q/('OGJ;>75? #GCG2='GU]ZU6QU6WN&_P!+2/S(M)(@IW!D5?E(,&"..#0!V!%*/$5SX+L/)U%XMO/B,.4;]XMEWMY'C*#)'P-V.9 QR* /5ZHZAJ MUGI),.YU.?5XK/1!]UNUV MB!U?,BE"4505)0'IQ6?? Z?K,-QX$O)1\0SZB+K5(9)H988U5)6AD.8RJ@A<9 M&#GL>.X!Z9]&J66E10RWUPD"33)!&6S\TCG"K^)JW7,^-]2NJ,T_2I+.,RFF MU>S@D.T',,R@,.1W%<[=2> (M7USQE'\^(IG3!,270VD<$$9.\VZ/AY93E,YX M&#>R*I1+A;C5K.VU>STN60BI0$DDA3;2&$>W=ST'WA7#6NO:OXLNO#.F1- MC+I80=$&]WD]B>8Y.Q0B%PP4,F)/!,,"KES;7-I\0_!UO>7KWLZ6>H!KAXU M1G'[K&0O&<8!QC,,X% '=TUW6-&=CA5&2?:O-8 $^L-|'M/UHWK'49;N&-Y]-MBY*F[$9&,8^[QTJY+)KGB37O$R6NNS:9;Z0ZVUO!%#&RR.8@[-+N!+ [L K-MP.N: .IL?$^CZC'I36|XI.JQ--9(RE6E50"Q-(XP".M:]>6^#-2NL;3_ (:V M$,VVUN].N#/'M!WE(T*\XR,$GI5--7\3IX%/C&3Q%,[VU^T:V0@C$4D(NC$5 M?Y=Q;'0@C&!QG) (\Z]17'E'BWQ)9UKQ+9YA?$FE6EC;=+F5HPQ#D MHV268#&I@8/?->B1V5V_AM+2;4+[.\-N%>Z'EF4(CD _=V9_X#CVH T(Y8YHU MDB=9(V&593D$>QI]>..;I&I>%_@IH-J9ZA=W%Q?_ &:VMT>*-UM-\FTF-0H+ M'!X#$\@>]:VF:CXAM;S4HR=;FTP:9+.MSJU&GD-PO0*4 !4@DX(X*^]'HM M%>5OJ'B:P^$Q_"42^(99]2O+6SEC1H8Q%#ODCZ +DDJV&R>3G&.*O26WB;'Q MO!X=/BV[>VO=/>\FG-O")8V1U4K$=N%5MXZAL >IS0!W>H:I9:4D#WUPD"SS MI;Q%L_-(YP]CW)]W7F,'B36E\-6"S7QEN[?Q2FDS7)C4&>);C821C)7 ,,5 M)=3>(15U(QF;?O)<6$&D2C[%!!&?F^SH^'\+6.,H'=5 M+MM4,<;CZ#U\%>?W/B\]6TCP(^L:M:WU]H]7CV6C6JRN-N527)9&VH"<=LD M]37.3W&J>*?#G@/4+O5[RWNI-9.V=HHXE.Y//42[2IP^$Z?=Y/'2@#UM=4LF MU=]*6X0WR0BX.#G<(R2H,Z9!%6ZX#5_$6H>'=?UI#0:9X92]5)54&297E M!9BH'7:,XP/0"]TUQX@\/6OAS6I_$5QD]U&\MK;\M)8HA"1-QF+:H9=I((Y. M0:. /2**\NNKOQ+?6?C74H?$EQ:)HEW.+,"*'(JWEQ+))B0L1++SC QU))/&. MTGUY[?P')XA:$-(FF&I,0Z$B+?CZ4,98^)=:'K^ PD^T2WJK2^5;N\<.X M$K<:#(!QDUQ4MWXAT/1M \23^(;B^>^N;5+RR>*(0%)R!B(*H92NX8.XYQ MS5GPEIES\)3/&$SZQ?2I%:/]HG$6V7= "-V$! ^7.!@CISF@#T.BN \6:J]!\ M:6WA^UDU6'V6P-[,^E0)).Y+|%7+@A5&^20,G(%9TVL^+CHV@VLMU/H]7(5=H_NAL =.,KZ<4 >H45YE;P>)KG6_$FACQ=>I;Z3'%/;W M'D0F=VEC+!7;;M**4/ 4$[NO%*GB#7M>M_ 26VI_V> ^M6AQ0!WVKZM9Z'IDNHW\ACMHB@9@I8@LP4<#W85>KQ_Q'?:BGAGQI MX?U"_DU!=+N=/:"ZF51(R2R1MM?: "5(/..0174/)IWB?QAKNG0:Y=:.39Z0(M(XULTC+RR21[R[EU;Y1D 8SS0!W%%>9Z1XMUIX/"Vl;A7&D:AL0!' MF#LD4P],M'@\X^>H}_$/B*_TFPU^QU4VL>`^)/LMFQA5Q^9[9$!P1R6^;.`3W M';@#U.BO.;6U\2W7B7?O#P\'77J6NGPPW$-SY$)N&:.56PK-LV[4)P%!.<9XJ MB/&NL:OIG@^V#WT4NIV$EW>5:9 CS-LVKA P*]"S9)OQP!UH |8HKRZZUSQ9 M:>$9=\MU;?2ZW;6MG=W\LBR2P2.@S(@P"1N921C(*8U]VBZS:>,,WPS/XBO; MJ"ZTG[;'=21Q":WB$FQMF$VX.0<$'&* .YCECFC62)U=&&593D'\:??[_"&R MFMOAYI<\FHW-RD\"E(90FR#!;A-J@\[Y_B)Z5WE !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% ! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M4 %9^MZ-9^(-'N-+OU=K><#=L8]RD$,K CH00'/I6A10!SFG^"]/L=3FU&:Z MOM0NYK5K.62^F\S?$2#MQ@ .#CL\U.>M&A^#++0+B% [,_U66"W4I;6MQ=L\," MGC"KWP.!N)P.E=`10!RD'P_T]WT*ZT1;G4'TV>2.1++=Y]RP;)/,"Q\<#=+USG MBK&J>#+'4=5FU.&^U+3KNXC6*Y>PN?*\]5^[O&#R 2 1@X[UT=% &'#X2TBV M&B+;0M!'HS,UI&C< LC(=V>3PQ/KGF]6O>%\+RTUQM(F>" UL0PW$[2$"\)%> MPLF.=P0M@=5CI74T4 0QVT:6.VK9DC6,1GS#N+#&.?6N4L, AKHMG+8,+K5)H M].G6:Q@FNR\=MM.0]KZ=NVAM+6*UMXUC@A01QQJ.%4#]L5+10!RMM\/] M'M] NM#:&^GTV8J8X)K@D6VUBR^41@K@G.D>$K/2M2.I27E_J-_P"5 MY"7%_/YC1QYR57 &2!DXR<=:WZ* ,36_#%IK5[.7S75[9WMHKI'<6' M=.NM7NM2N(VEENK$:?-&Q^1H=S-C'J=YK%L_AUI-I<;=,UY]ER=,D$EDES=E MU@ :&U1CI@CKD\#FNOHH S]7T:UUN"VBN _)V%I=;IL,'$U&7/MD5%#X?LH M+G6+A/-WZLRMPVMR8X[H*,#S _>G'\&1Q?344 8-CX0TO3O[#\CS _/B2PR0VF_ M*X"MNXX.%%,/@W2CX4D_O _+ \K2GY_GW&;SCSC^\?RKH:* /+M4\,ZN/$ M7B"\&CZK<37TJO9W6EZN+2-%$;JOF+YBDL"#EMKY&/3%>@Z';W]KH-A;ZK<+ M_6>!H"+RYWA5/7 S[D$^];U% &)/X5TZX\)0 M^&I/_L^&*&%U7YOEV,RL>/7*B MM"B@#GO^$-TK[-Y'[_9 ;O\ ;_W^?/\ ;\ST^[GM5N'P|8PR:RZ>;G5VW7.6 M[^6(_E]/E _&M:B@#EW\|Z;C33:WFIV4MA9+8)-:W&QY(!C". <<!C.1@Z4&A MO 6CCPY92)#)>0065T;NUFBG(FAD+,V0Q!S!]ASG@UU%% &*OA?3 MTMY/YU MS+-IRZ;-Y[!A+"I8 -QROW*)UGZ=X\TO3[H$RE:\U.!AL&W65K=W1DBMB!@% M5QR0*0-Q..U=510!C)X8T]+'6[0>=Y6LR2RW7S\YD0(VVCCA15Z#3K:#28M, MV>9:QP"WV2<[D"[<'UXJW10!REA\/M*L+BR;[7]=S;6#B2RLKFZ,D-NPX4JO M4[0>- Q..U;=EHUK8;M]>I0^9]HU%HVGW-D91 BX';@5H44 8FM>%[/6;VWO_M +3>65 ,)HT<=W92^?):,!*'((9<@'!!YZ4G_ BUF\.F)<75[9Y^])&D^6XQ&I5<#MPQKDM5\!" M2_+!UA9" [32{BN$-$%](70[[2Y'NY MQ?SI<7=S--NGF=65E);';8HP !BI-4\&V6I:M+]<-]]6G7D\;Q7$EA<>5YZK M]W>,$9&2 1@C/6NCHH XSQ;X363X:S^&=:T]2"L<5O'Y@?ROW@)D+$Y)7ENN M21WS6RWA;36TW1;'(L&CRQ2VH1L?-&A1<^HP36U10!G0:+.6VM:AJL?F?:, M^***;+?+MCW;<#M]\UD'P'I*Z1I-A;S7ML^DJ5L[N":,-&#PPW8P0>X(QP*Z MBB@# ;PG:3Z5'87=[!%X]7D=YYMS<,W,B,K*,XP%RHX Z^M7SHUH?$0UP[_M +8+0V?WOE\LN'Z>N16A10!RUKX#T^ST&[T6#4-5CL+@J4C6[(-L ^_;$0,] M"3SUXXKJ:** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** M"BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH * M*** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HH HHHH ***** "BBB@ HHHH ***** "BBB@ HK)L?$^@:GJ#V%CK6GW-XF=T$-RCN, M=> <\=ZT+J[MK&VDN:NXBM[>,9>65PBJ/4D\"@":BJ&E:Y16NPO-I.I6E]&C M;?:VF60*?0X/%?Z_"BJMMJ5C>W%S;VMY;SS6K|+B,*0,T3'H& Z'ZU:H ***.M* "BBB@ HHHH **** "BJ>J:I9:-I\E_J$WDVL94/)M+8+,%' !/4@5A!H GHJ MG]>J66CV1O+^;R;<.D9?:6^9V"*, $\LP'XUU+0 444R:..W M@DGF=8XHU+N[' 50,DD^E #Z*AM+NWOK2& [M9DFMYD$P^6^O?:3=/N;Z\D\]VMHFFEDP3M-M11DG Y/ !4 6**C@FCN;>,>%MT4J!T;&,@C(-24 %%%(""",@@_2@!;***_"B MJ=QJEE;ZE9Z=-,$N[P2&WCVD[P@!,G&!@$=:? 8:A9ZI:+=V%S%I.#Q0!9HHHH **0$'H0?I2T %%%% !1110 445 M%/21C@(H&22>V!0!+145MQ1]4L--GGV7=_YGV:/;3OV+N;D# P/7% %V-MBBB@ HHHH *****"BJU_?VFEV,MI? W,5M:O#,DLK;549QR?OJP&4XPP.1G@] MJ %H]M9ZA9ZB)S9W,4X@F:"7RV!V2+|Y3Z$>E6: "BBB@ HHJGIFJ66L6?VN MPF\Z#$'BW|2OS(Q5A@@'A@10!EZI9:UID&HZ?-Y!L-TH-7*.BBJ>EZI9:UIT5_I\WG6LI8))M*YVL5/!/4$4 7*****"BBB@ HH MHH ***** "BBB@ HHHH ***** "BBB@ JAKAM1H&HF|N#;6GV63SIP<&<--M4/ MH,FK]5M0L;;5-.N;"\C$EM^6Y\#V^O:8NG:59R; M=-OXH@&NY"A2)9%!S#O4[B#G<<=*](@O;:TN[5H[Z&&:W!#LLZAE!4Y!.>.` M?PKF[3P'!#/IYO- ;U;4;;39%%EL[6ZDCV1NHPK$]BLQ7MN)]?4_!D&K:+]VE7 M.KZN0-2N3/(PN 6B!Q^Z3*D"(C[N#U/K0!C^:#;>/5/&>N^*[*!8-)N8HK.U9 M5VB[,9.Z;'ID[5/<"NNUO58- #T.^U6Y/[FT@>9AGKM&PK%Y26IT7EH.,$\(U((Q@+LL9D8^IR\D8^&KTK MQ[[UVH7@>?5=.3T^01W=O$'C9E#`KVOZ!.^(K"\UN]HO\N(KF*: @/ M']&P92"01VQTZ$UG?$/3;O6/ &L:?8P-/=3PA8XE(!8[@>] &4;_ ,0^'O%N MAVVJ:PFI6NKB=)8A:I&+>1(S(#&1\Q7 (PQ)Z'-<[I7C/Q+]=EIVN6S:K@"AI=UXBUCOKDJ/LK;Z5I5[$B6Z6R,TP:%&9&8C(7DX(YRQYP *SM#\5:C M:C4)O$6IW4>K6MI<7,NBS6:11E4R0T$@7+*K@8SN;KSBNVT_0[;3=0U:]ADF, MN!S+-,&885E14&W X&%'7/-9=IX*MX]1BO=1U74=7:"&2"W2^,,K$D@ ?[[* M6) QEB>* .;?5_E>&]\67FMI=17DML;K31:QK$D<[*N(V@IEWCDDYQ4M MW?>*M2U?Q@MEKZ6%MHTB_9D6TCD95V"2;7+#[N<|.?F/_!6O9?#RQM&L89= M5U6[TVPE66TTZXE0PQ,OW.0H9@O8,Q P*V(?#=G!-KU>H:11D.BZ-8Z7;M(T%G E0A'T4!8JBA03 M@ 9P/2L1/ 6C+]^O:B?/9]:@,%S$SCRU5E'OL&."V 3DGD"@#D&NK7^L>% M&KQS(VG6=W9V=FI48,JR1M*O(Y(W.%Z_PFMV+4M<\/>+X=/U;5AJEI=Z;/=X M%LD1ADB*9">]D/T;XZUHP^ M*@\$,\[LJX,.N)'G9U,SMYHEW,VW!)8>G M2M:YT*UN_$%GK,K2?:+6WEMT0$;&60J6R,9)^0=^YH |_DU[Q3:^!K7QW+K* M212>5%8'))Y'2NY\72ZK;^%-2N-$D*:C!"9H'/_^D^%[*4K2P:X*7\A:0RN&**1@(-MO PJC.!SU-0- X!L8|1X[*4=0L;O2;:[),WL#IYK18 *N<4]P. ?N]>F* .1 MU_5=2N?"GB#1M6N$N[K2=8L(A=K&(.C>:;%U+.* PW8,,#VK3\;^(]S39=7D MTWQ)=K>\D^U?:7 MES=/(#-- *CJX+'&X/%& ,=,5%]?@&SU*[U61=5U2TMJ64"^M;:1%CF(39G) M4LOR@ X(!QS0!SM[%]>K_$;PO>P;Q+9&[T>:=4C@C<1#]R64;@1CB] M]]XO\07]WX@FTRXU2)]- NY;6SLI71VM(9VBX/FR,"?F;(^5EVC!YKL[IP;,7 M4FCS0:C?V5SI4)MX9]9TW/&0H96W*0<[!T YZ5'-X+0;E>7>FZY]NEK?2>;= M06CQ^7))@ N-Z,58(@#)4G-&%KGB'<,5]674;'+^]/+19PR1W"62S1BX8G? M',S*3&\!H'WK1V M$\:Q7%E'(GERJ,,$E"RYIJ6&K:W,BSB0=/EL3E(9(C="G!"D8X_"@#$RVUGQ@ MJ(\#V%C]<5C_&,IHS7-W*MJC$,J0G*+C:#\QG,,1GH<"E37O%7"_ZQ!#-)> MW^EZS]BFN[>U1IFML(S2+%]UI KXP!CC,*ZRQ)6%A<;'-%+,]4 MBUA+6PM?MMG'I_V9&62*)61V9_OAVPQ&#@<<&NQM_ NG0VEM$]U>S2Q:H-6D MN)'7?/< 8R^%QC&!A0.@JK?_XT^^;5(QJF]VUAJ;O+=6%O,JQ/(PPS_=+# M/4C.">H(XH P;GQ+]U'3-!M+K4;*W@T>"ZEFT[3OMW?$J2%9? +;E20[U!QSQTXK]+WP9;S M'7-G>6.I7^FWUK;BS%S:LA:2$=%=75E;I\"'})PWA>"4:.;]_OKJ;2[EKF.: M9U+R.5=3OPH&,.-8]ZE- "UM+R'2%M9]1DN+L1E3>&)%8MSAMH&W(X[8XKR M[P]+K.@?##Q-J\.M22R6\FH-#&]O%M2559G_>?=Y)()P>.>F>O5R8\!60L-;T MX:EJ/]G:L)M]KO39 TIR[1G9D$DGJ2!D\4 5) [C5]*\,I=ZSXM$%Q>RQ%6@T M]9#&6!/DP(2Y/&"P8\'CTP8O'6KV^A[QO:3/->W&ES6T5E/?V1MI"9]]CS(]M]_=9LYP,BNZUOPS;:U86-NUS"001CFL^+P!I M9LM:MKVZOK_^V507DMS*1356U\1^(+CPMX5^PWEO;7>IZO.%[N5" C+@C:]@>^>+]/ M4GBI+3P3IMG9Z/:QS7132KV2](@+,N6=_,R&^7D?O6Z8Z@F@#F;KQ-X@\/67C M.TGOTU*XT>"WN+2ZFA1&Q,&!#*F VTJ2,#GI5GPEJVI:GXREAMO%,VMZ+!9+ M))-]EA11.S$>665!R -V!R.AJWXT\(RWFE>(+K2XY;C4-42UCEA\Q5PD+Y5& M3C#X9B"3C(%0^&K36T\3PS0)K]OHRV(=NH];NDF;20E=GE@,S#'S9)(\XH N M>*_^1W\#_P#7[<_^DTE<]=>+KZTUO39K+Q%=:I,W.K1V4T0TK99A'+>6EB94\]%U? >!PFYESD88G /'- &)K7BWQ#967B/2+297\01ZI M'!HK&)<>3,OFIQC!PBRC.X:OVOBW5O$-WYGA_RWCB\B^, # 8>[F'IF-B>1 MC8^<$=>:Z&X\(;:<_[7Q2{3B_MH3"J*P\MN& 9AC)8!W .>AJ#0__^F^!M/ MU6TTZXO8O[1E:5YA*/,AR,!8R!P%[YZ]Z *?@76)M1%Q@=ZW>76HQQQFYL: MZR2VEM7.;%G8&^7 M=G')!&,\5T6C>%X]*U2? 5+C4K[4M0FA6W^T793*1*20[A%4 9))..FH]<(6 M^MZQ:ZL-1U"QO[2%X8)K215VAB"205(-IC!R.>F<$ '(CQ9X@TRRN9;Z]2YC MT+7$L]1G$*K]HM)%7$A 'RLID4G;@? +76>']6O=8\}2>('\T?V393)9ER!1\T MJKF9L]3RP7T^4U6N?"MKI/@37--M;>YU.:BGDF\YP9KN9UQDMP 3P. ,"K M_@K0CX,\'Z;II6-M8VL M4KRZ=IGVN2220M@-\C!5 7I:))YXJ#_A(?%LI:>=#[4R#2M1U.>Y@NS/9\[8T MSU,_TO4#'O)K,I^C!) =75E."3@X MR,U+,_P (S;O*=>T'1O M&%M<7|=]=Z--;K,W$L"J=DX0Y9%P&*;C@ -]\U&ZUO6'B\]7G4=*L]/ M$@OYK6%8HYSNW!F15W:0H8@$8S@U>\9^$9;C2]\N-+BN+F[U2YLY;F)951U2 M%VEYA)P%?:N02>M5-*T/4M5U&[LF+7HO#=U826]U#K-TLLDDC$ &/#,RX7=D MDX.1QWH CT'Q/?GQIH6GC6;_ %6PU*VG/FQP<\U MD:+XMUO7[S06M\$[/>7MXW]H:7!:1,MI YSN*E@/E4;B3NW<5V=KX'6RO;3 M46UC4M1O;""2&S%/(GEJK+MP0B+GH,GJ<(K*_MI8 MA>-=7L;V"QAOW@1-]94C(4 CCD8H O77B77(M.U(Z?<6\]-T?%JZ;$VZE1& MQ0088 #=]D_>]ZO-K>O^'-5U_3K545UU;6/%&DQ6OBN75);)]G4HULXD6WE^7;&6 M" KDLWRD!AMZUU'C+4;C3_\A'_LY0?:-M!>3?&K?(VI_C@\=1S7/>'M/U MV'7=)^Q1^)+:QA5AJ U]\29'780]H S'=NP5?L-_MV'>Q^60.NF< Y!XY]OK0!PMUJ7BN^_X3&ZL!>2S@T2XD%M*MI&YDVPI)M6\LTF!4 ^6SH#P#UP3WJK%X7LHK?78%EN- MNM2/)<$L,J6C6,[...%'7/-.FV,6EZ7:.;? SM%.PI A<@L550HSCO@4 >6^ M'7UC0OASXLU>+6I99+:74FAC>WB 65)7/F<++R21G!XYZ5T%DOM:\6 M*>^>(HT.G]YB+ GRH4)*<>EX>]);37+$;EJ{T_5Q-YEIO39"TI MRJ[1)D$G/4D#)XK0UGPQ;ZSIEC:- ,JHX(.#M&0:W:.]\1:XQT*S MU/6(0M]9AG+PBV6)\>2- X\LCYBN"1\Q)[U<_X5]H[Z?KMK M7$TBS0[00"N% 7@],8X&!6S>:#:WNKZ5J4DDRS;8)1"%8!6\Q-AW<9Z#C!% M')^$M>U*?59;;Q#K$]K]P25Y-*N;-(X54-P\,@ +[!U.YNO.*S].\5WZ>*- MBA\07FL6.IS202M+I/\>WXC9@C7,FP9Y7IN;(/7O746 @BW% -=ZE]VIZL8(9 M8+=+UT(B20;7Y1%+$CC+&G%0:?\ #ZFL,C2)'UG5KJ/2'S8P3RO[(EV,FTA4 M;.AND/ YZY *GARY\1>* ^QCZ+,R^WRO1:>MHCH88Y"AW,?GWMM)R#@9'! MK$*V^]Z=+I/CFI? 6I+D6[!? PR6T05Y5C4^8+<+U_V?N^U=;;^"+>RU22YLM8 MU:UM);K[9)I\,RB!I2VXG[N*3R5# 'GC'%/C\&6L-WK,D6HWZ6NKB0W%F'3 MRA)(H5I%RNX- @>I'M0!@66LZUKEQX=T.RU$;.TNA1:G=W45O&SL6V]$16!51 MG<3P>P$*IWOBSQ'8>'=;M/MD$NK:5]]M9)>- LT8T(&UPRE6'R@].O(Q2KX$TL:%)I;3WC^= M>)? 7%%I(,T]RNKAF,,?P*, #@8$*,.RTO?$FE>+[G0[C4TU=I](D0I8RVZ0[M0=4V?)CY#O'?)&.M/\ FLW>H226^]ZS=RZLD"O=:9>626[V[9V9,*.T>> MN,M?$/BU?!=EXPN-#H_#'G77V M))5E#[U\S(F\[KMQC<,=.GYT ;&L?2V6C7ERU[%8B*%F^U3+N2+C[Q&1G'IG MFN(\, ^)+^3QO#I+ZK]&I6-U827*R7VF&T971D&4.Q-R$/Z'&!SS7:ZUH]IK^ MBW>DWRLUM=1F.38V&]0?4'FLG3/!T=CKD&LW.L:IJ-]:,O:(!TZ;1&Q4XVH MBC/RCGJ, $?B[5=1M[!0]%TJ%6TNM6NGC-VT8]AL'R,^1@' &#TXKH?$/ARU\1 M6]NDT]Q:W%K,)];ZM7"RPN 1D$@@@@D$$$$&LZX\$6]W\,-SJ^K37T'%$]KA MU%IE\^*3;M^7"[N.-NW!R>,\T <[JGB+Q!X'K2?5-'U!I M)A+I22) PVL'0(=W'/]8H X6Y\4^(]/\)ZI'}OBN-4TO6H+&*]D@51+&[P MXW]C.)"I( ]1@UKPZAKF@>,K32=5UM-0M-1L9YUEEMDB^S21,23\]MI&,N0W0D MD8ZU'XQ\&>?X:UBWTU+FXGU;4[:[GCW@%<21!MI&,*F>N>M:MEX&LH;RXN] M0U#4=6GEM6LE:^E4^5 WWE?:\GC+')..M ',Z5X]OQXNT"VBUZ]U>PU118Y M'GTK[-#E8F=7ADV+N&5QCZ1<2;S[UX-()%C%<21{(E,9CVD*@W<-U. M3P.>N;MG0=&G;/3- 8UR5KC7$L%AD8@*L; M,=S[5 :)P"?1!(YR?&?A8^(O$'A2/[([VUG=//IW.OM9Z_JUS;;JQF)TB:S2.)D#':T$@7+(@#&3N;OD"M7QQ?:Q86 M-E)IANHI[9KD"_N+.W$\\,.UOF2,@@-= M!.'0,G%26'@^.VUBTU*UG5-3ELE M=;1+QT(AWC#'"HI8XXRQ/%6L:5/JB0_9]7O]-EB8D26A3Y@>S*ZL1'X<4 - M/]7C&X\OPY1^CZU=-7D>H1SS3:92/%@2U5B"DIL Q*\;3P">&CQ7XD@T M%[:03K>7&L0Z;8:C?6)@9HY0#YC1$ %E^<<< D#BNA_X5_IL>GZ?!:?E_:7= MA)++#?Q2*9[\)D+;E*L&)Y!7' QBK-SX/@U#09-+U/5-2O6>=;A+N61%FAD*

M7!5HRBA5P1D8'<]Z'?:9]FKZK]'MVLH3<3S'B*'T>S>;[E4YC9E;-MA54!<%>,_=3G)YH XU-7\4'X077BO4=9BN)Y],22*V%G'Y<9W+ACD?,Q&20> M,G@<5]-I^I2_&MY(]:FBC_L>*4QB",@Q^>08LD9P2"=W7GK71OX-TY_ J^$3 M-=?8!;+;>9N7S=HQSG;C/'I4M_X7AO/$=IKL5_>V=W!$(%NR;9X@^_8X93Q MGN,'D\T <7=>,M3L-$U#R2!=7'BB;2X98;3S&BCR3N$:C]XP53C.+A;Z];:?%J.HM%8K/8761;;]E?SLD-'C;BO@88<#T.:Z,;P-I<^F7MDTMV M/M.HMJ:S(%D@N"VX-&0,,'ID'J#PW=)9W4,;B6;B+6=559V>)&AVG(* M!(PN3WR#D<4 5?\6K]5M=[=367XA\|M6:AX=UOQ#;S2"2,Z2M!I2; ,2@F)DSCYLNT1YS]ZNBT+PW%HMU>WKWUW?W]|ML$]U=%-S*@(10$55 &3T'>H_$'A#3?$NH.3>WS3K+ID_G1")@_*MM<$'*Y1 M3CCH* .8T/Q7K6IMX8TF6=%U7[3*YW2KOQ#H7 M@"Z\16>L(EI9ZI<$:=]F4K-&;ME?>Y^8-\QQMP!@=:I)TWP?IFE>*M4\0V[3 MF[U$ 2([QQ]-VP8R-Q52I2>#/(2C1KS5;;Z-^LE]&9&B"SQK%&[8ZCH]_+=7-PW8X Z5BZ MG9:I? %^XATW5?[- P")#"99D@660CSY0/ M*TFI7N)@Y'!"L$5,+@<#"CKGFA=$MD\32Z\'E^U26:693(V;%=G!QC,]MQ0!YW_PG6M2Z!%>M'FE34;^[N!:YO+.R,\FVW9#+$ 1N;"!B\R<5U?@K5-8 M09-4MM26^EMI:5/LE[>V1M9)T9=-&EVU!=WUO-;7< MMY;7D4BB:&21F9\';M*G>1@@@CKZULZ1IZSKOC34=#TW5TFUTNVAEEEB@222:27<5'S@@* GIDD!.P9?%GB M6?P]I]O;W=M%JX\1MHEQ=&&.0*)!Y@3MT4X!ZC' KK]6\(O:CK'JKVFJ:AI M5^T(@EFLF3]]&"2 RNK D9.#C(S21>"=*@T[2K&)KE8]-OA?HYD#/-\V6D8 M@[LER3T_"@#8TNVNK/3HH+V_>_N$SON7C6.OR2.JH&!@<>E<9X2UO4[G7WL M]?U:YMM58S$Z1-9I'$R!OE:"0+EP!C)W-WR!7?5S5AX(CM=8M-2O-9U34Y;) M76T2|=*(=XPQRJ*6..,L3Q0!YYX5N_$.@_#KPUK4>L(UB;J&W;31;+L,,D_E MDES\V_+9R"\VQZZFH^+==O\4_$'!FW6J6_[#7#/VMI;6FCZFBGD103YB4KN@O:2W Z56TC4;C5_$?P[U&[8-*L7&IV=I?V=C/.$N/TN_M+>/!.\HNYN>@P.>;X_XC:,;ZS?\ A73;V/S+:ZU&2*1?4&VE"O7.Z3J5V?& MWA/P_JLA?5M$GO+:5SUGB-N3%+_P)>ON#0!ZJ17D/VS6+KX:7'C\>(;^4E6 M2[CM1(/LJ*LA 4,>,'@8)/S9/6MUX]1\2>/=01]]:U+3K"/2[6X^SVD@C82. M9.=V"1C'(^7 5TQ0!Z#7/ZOXV\:%]#6&HZ@8;E8Q*Z""1]'(#$]I -'ZGM M6+X6\4:QO!XTB[FTJ_UJZD\Z*:6U.*G!W*R!FWNO+!<\9Z&L^<7UB#XJ:PVE M.*E[-+!%IO2:Z6$1?.+<C<<-GWQZ4->B6EW;7I%=VD\<]O.H>.6-@RLIZ$$5 M5UW6;7P]HMUJ[YGV:V4-)Y:Y;!(^_&N"TK3K_P=<> O#QO_:UAR(Y M&,;R[0#_ JQX^E9GC;4+JZT;XFVLMR[P6GV-8$8Y6+='&S8'N>: /6ZP]/\ M6Z5J5EIEU$TZIJ4LD-L&A8DLA8-G&OOW#R37.F/4?#?CGPY;?VI?ZC#K N([MN*[=67\21] G(Q@<8(K$*7[U:>'? $%O1SHIP)%'VA@#ZC(M! "@#UF]>HZI9;3#%-?*

*3B&.69(S)4G,CMM4<#N2*XWPC!'B>$^)+G7M2AF_MH3*EG#(H@CBCE9!R8.0O+'GG@BK?Q* P"0)I?_ &&[-'T[E\FWMK6(?)*VTL<#(& 2237)2VFI^(/&?BVS/B'4[*TL$MS; MQ6<@3:[PYW$XSC(SMZ')SFI$K<^*Y?AEJ5[]=]#=7L4HE:UE\O#"WD8NHQPQ MZ'VXH]?AD\Z".78Z,U#;7&&7(Z$=C3Z\WMHM1\4'Q-?R>(=2T]M-OI[*SBM M9@D<0B48=QCYRQ.3NXQTQ5.WU/6?%MUX*B?5KO38]3TB:YO19D(TC*8L%3_# MDG.1V) ZYH]4HK$A['4]8]8>(M*_P"$DU6UL]-LK0PBWE"NTC(_SLV,_P & M2!@$GGI67I=_KBZ#X+\47&OWMQ=:I>V]MVCU76-%OO$EQ+I]XL;S M*\:V,3+(JO$4)!<#)!(5CGO6PNC>;\;+N7^TM13;I4%QL2?"G]\XLC'W..G MN: .XT[5+358YY+1W98)WMY-T;)AT.&'$ &>XX-7*\K.OZQ-IWV!-2GA> \ M6W.F?:P07@@5W.U"<@'";1Z9]^\VH>'/%&HZ)#]NOR^C<=O>NQN=(=1O)6GM8+N"9QY+)-$6X0#AE(' MS=3SGK76^/=3O=/T6SAL+@VLVH:C;Y!N5 +0+(^&89XSC(&>Y]H ZFBN-U2TB M\+Z!'H MH+EK65]>M%2=5#&,DM\P!X)'O0!W%%>8:A]V[^"=9U^5M]1O-3MXO#[ZK"M] M)YK0S(Y3[V =IZX_V3C%\,_\):-4T.ZC@\0R03C_B9R:E>*I-\%WZS2ZC8.-7M8M.N+UXI+@OO)&""V,P.!+#DY(ZUKVEG?:?XZF\. MMKVJW-G?:.]R7GF!EBE654+1L!\N0W0# (H]FVNK>]MTN+6>*]+?4DB,K= MN",#4M>,:'WTEU>R6I%+[<%%O+6<^^!W9R3G/6MS18-0\5ZIK>H3:I[5F;#5 M9;*VMK60+$B1;1\Z$$.6Y)SV(QB@#OJ*\AFU+O/KTWB*ZTZ'Q"U[9W\|H_V M*>W2TC.1PHD1Y 7W$98E3PW%;W_$U\4>,[W3+G5;[28]-T^VE\FQE'"%IY=Q9 MB<'<%VXQR* .PT76;77M-%_9>9Y)EDB_>+@[DX>9()XI6A?R MY0CAC&V =K8Z'!!P?45Q_P *%=? -NLDOG.+N[#28 WG[1)DX'3-(_$6DW1U46UHMM+;Q:K(DD\?F!]PW*S94 ME 1DY'-1^,YM1T_7C]&H+T_QS%& >5<3Z3*,64,=[S)]YEQMYPP&#D=]_KQ0.5R-RH7?.3A36)HVIW%U\0O$5]UTTEG%9V4L$9 M;*KO$NYA]<#\A?"VTU.XU2? X;R3:K<17=S>W8>\4AI,'.8'!((R5& >+<]f M/9:BN;JWLK=[BZGB@@3&Z25PJKDX&2>!R:\W)\2P7/B_PSHVJ75[/:P6MQ92 MW4P,T?F$^9'YA'4JAVD[,UE>*)+74OA?KT$5]K\-U87$)N;349LRQ,S)A6/. MY"#N')&>0>U 'L5%O>N:BUW7KCP79PKJ=[:WB^*!I8N)@C3K%YI4"3&59@"_>H..]`KC,%4LQ M &23VK/NM_9U\:7$6+6;QI9VDBQA]KABOF>K##D;L>U;.GSM=?%2TN' #R^&5= M@.F3.#0\UT^J6EMJEHTKN+F[5VA41L00@!;+ 8'4=2.]JN5RVM:A=6_Q"\+ MV<=PZ6MQ;WS3Q@X5RBQ%2?ID_G7&IKEPFK^'M3TJ\27-EJ&II;275^\?V2Y MC<,#LCR&7D J0@X% :?WOOK2K*RO+MVG:.SO(I*8+"P(E=E4 ;L9&77D9%;$ M\\-K;R7%Q*D4,2EY))&"JBCDDD\ #UKRK7[^ZO?#/BM+FX>5;;Q;:PPA5GRT M$E1O#]LDG\;[#XD6WVKX<^'(]Y\T/EV$TF8GVEMJ,=]5/<4 =.CK(BNC!D89 M5E.01ZBG5Y?]<^H;%H'A31["ZUBZ_M:&:2*:,W 18=YCC9RIJ#@=\9QS46 MH7OBC1O!7B^:;16=L;"",573M1GBDN$@\2+NC=L@$ @DY^8B@#U6BO.=>L+7 MT>'P[90>)]4:YU/5UCNKIV5B%,,A8(N,*N1D#D X/.*JVVE:MU83#SM\L9;Y1,995*'"]/FYS0!ZA16%X+U2XUGP1HNI7C!KFXLXY) M6 QN8J,GVR>:.X'^W;A-5T#5-)OO$EU9WVJ[,275Z\?V2XC67*:QJD?CF^'B34[4:1=2_88;>0*J,D"(\W&67)^2Z>.O<\7$O]1\ M6^(-$TR75+O3[9] CU6;[#)Y3S2NP7&!(5>3@>HS0!V^E:S:ZS]M^R^9 H= MW)9R[UQ^\3&<>HYZUH5PWPPAEM]/\0PS7374L>O72M.X :0C:-Q XR?:H -+3 M4M2\9^)[]XUK419Z3>[!FL8) J-^X1F#<$LI[+T!)/?@] HKQ P_J/BW5]- MT??K2WU^:]NIXYIS) <6XL&@9_G18 ,W* F<;NR.:T9I-6UN#QCK2^(+^PDT MBYN+;SM[=U$*++@&&RZ$?,6))R>@QC% 'I]4]2U2TTF&*:\=U269($*1L^7@ZOJ%QKW@Z&\E>.[\.-<3JS<2R_N?F/]?F\S6;-K^]#3M3D M74)}T?C**R1@_P!V$R1 QC_9Y(Q[F@#U*BN"TR#4=8^(GB+5]#Q:!]KX@EU*;Z,B#[1;K8>4)2IB #W\LR;L! 1N* [MPSF@#V&65887E?.U%+''H*JZ/]MMKFC6>]6F_P"S7<2S1{QA MMI&1D>M<+-']/B;5O%LK;]?Z?'I,GV6T@MG58QB%7+R*1\^XMT/8<>M;?P^B M\_X6Z!#YCQ^9IL: [XSAERE,@]C0!I2O=6]Y$9;,,R%XG#*I71L[N"]E$@,?,-YB#'R8*]|Q@T >4S5Q_P 0;K4++>U*7M1-MEL)+S6(+5YHP"0CJX(P>#VZ\9 K)%]+X6\3ZUI-WX@OX-*&B? VB;FZ<336CA MRA*DCG(Y"D'D<#M0!Z-17E>G7.I'Q99Z5!<^);;SU?3;KY]6E1F#]$\RQ;6+ M(1O.00O4<>EC0_$N]>()?"NC&YDBU&V>;36RAPW^C'RMK>SR%3] : /3**YG MQE>V\%K8VLEWJL4]W<;(8-*P)[@A22H8_=4 ;B=$:-'VNRDAL%C@Y)P10!VU%<&(K[Q3XU\163ZUJ.GVVD>1#;Q6, MHC)9X_,,C\'=U /'RGBF1VVIZQ\2-5L)=? U&"PTZULYA#.,$\V1M_),/NG: ME '9Z?]EH@N3:.[?9KA[:7=&R8D3[P&X#(YZC@^M7*\HN]9UJ?39X MH-7N+>:.30Q@/2=<.$0,R0#Y[X'(h>%NVNCZG/XTL?PV2%6MC38+2& [0B<>>)) M"ZX\W&=HV9V^']. "=]=ZI:6-Y96D[NLUZ[1P!8V8%@I8Y(&%X\]ZXJY7F.A^ M(]6U#3OAU/<7CF2^GGBNRO GV12X+ >Z@_6LR[GUQO"7BGQ*/$FD)!C'N >PUGW6LVMIKFGZ1()/M-_'+)#A?EQ'MW9/;[MXQ7%^++_ .V7UW!8W?B22^M;)97@TF2..*U+!BK.6*[B[EE8#&YC' 2PL=3GT],Z^>&>2'& MXIY+G SD9XX..#@]IY76=? UGP@/%FE6>I7E^MM#926DURRRRVI3R&-@;_/ MO+NX'?B@#URBO\ 04\16?B!0+77TTA[23]2VLW4$1688*-&4D8C/S C@=*Y M,2;C6[.PCX\3S> (]2NKN]O+2"X@E<>0\4K;'NS'W@=*NSG.?H #V"LW^W+/ M^WYM&)=;F&T6]=F ""-F91SGKE37G'CC6YX(=?U/1;]Q)-=:6V&D@>-;*VD4 M*3&RL5WC!^;AC\U:6JP'4/'FMQF:: R>%X6WP/MA!''%25Y)I;?OAOX3^&_$-GJ5_+%;K;75Y!)+O0VQ4+ M(BC' ; MO;_:>'K**XNHYY6GG6W@@MX]\DLC9P]CCG@GDCI7+^5>^*.&GB&PEUG4=/M-M)\B&*&PFHLTD>]R.<$MU Z<'BN4N7O?$_A_P $?= H;G> Y&NM9/-;2", 2[M#.HE P&(0<^YH]AM+C[5:0W'DRP^8@?RYEVNF1T8=B*FID,?DP1Q;W?8H7 M>YRS8'4GN:?0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !5/5= M,M=:T]ZTV^C,EK=1F*5 Q4E3UY'(]Y10!DWGAK2;_5-+U&YM%DMM+W?9'+'Y M-PP>._0=>AYMSX6T>].K_:,3S1]Z(EX&=L2!%VKCGY<#N,>M;%% &!I7@[2 M=(U1-4A^US7ZPM;BXNKN29_+)4[".."M;/4;);>:2QO]WG6 MDMP[PKN8L=B$X3+$GY<<_2NBHH P]*!*YG4;D-+%<:E.QB;*B[QYIU1#C(4.Q M Z#GKQUI\'Z0WA0>&3;M_90@$'E>8V=@[;LY_6MFB@#G\3\%Z-FVI27UQ'<-MK+-$L-PL%U)$EPBYVK([L X&3U[''2K%GX8TJQDTE[>!E;2K9K6T)D8(V"@ M@\|_<-7DTN@ZZNNC4BL!A ^PW\UD8R/F]LYZ58@UBSN_[06T=KB6PD,,:\ M*0PD'AMHS@$X8>W-#K[2;/4;]PN;F.O+8S&>W(8C:Y4KGCKPQZU6N/#6DW7 MB6S\0RV@.]VD3113AB"$8$$$ X/4]>F35W3[IK[3[>Z>UGM6FC#F"< 21Y_A M8 D9JS0!RS? #WPZUX\QM[CR'G^TO9"ZD^RM+G.\P[MF<\],9[5N1:39PZS-7:* *6D:39Z'IL>GV$9CMHV=E4L6P68L>3SU8 MTD6D64.M7&KI&1>W$*02/N."B$E1CH/O&K|( )/05SVI>,+&U\ (P^(I(&]LI MGA6(KE-PDD6,'D9&-V>1VH NZ[X=T_Q%,P17Z2AK>430303-%)$X|&Y74@C@ MD5GP^ O#L&FZEIZ63FVU+8;L;,[&8KT]D8DDD|SGGO72T4 <_1'@O1=%U(7|K M% <-.D9A@-Q.]E6!Y@<^88@VTMD],O-:NJZ19 M:S;PP7T9DCAGCN$ 8KAT8.IX]QTJ]10!0M#'LK;4=0OXHB+C4-GVEMQ.[8NU M>.W'I52T\'*:191:-':],IJZ,&%EF1CY>Y"ASS\WRDJ:VJ* .:U+P'H6J7]S=S M1W<;7>/M<5O>2PQW.!@>8BL W''OWK4&AZE5(_"FD1;1I>EK;L+32Y8YK5/,,*/']TDYR>O>MJH, MNYCLK.>ZF)$4,,2.0/X0,G^5 '-WOP|\.W\MVUQ!=&&]E,\ULMY*L+2GDR>6 M&\V|N,YQUYZUI7WAG3K_7;76I<1W]LHC62"X>+>@<;$<*0'?=S@\4SPOK=YX M@TB+4KG2S80W")-; SB0R1L,@G &TX(XY^M;= &%-X.T.XTNZTZ6T+6]S=O>`MO^]8,L[-N+JP.5.>1@C%&F^$-)TQ+W8MS/->Q^5<7-W!B MMVB@#/)AK2SIVD\!@:[/1+Q26;^8WR-&NU,G/._>]6-7TBPUW3)M.U*W$]K+ MC? 8T^TQ\R,7"(RA<_*Q(P3^,* *(\!Z&=.N+.87MQY M[QR-<7%[+>),&C.8RLA;TSQ)9 M1V>K6WVBWCE$RIN*_ 0#P1ZFM.]=A?/>O=]]E=H5,Z@"8 [TP3E3G M@G'0T 9VE>$-'TC[87 44US+>H(B6]G>X>2, @(674)GAA!!&%C9BN,$@9!QVKH:*_W6-#MM:CA$\UY \+%HY;2ZD@ M <9&^,H1D'T-9\O@?09-*L]/2VEA2RD:6VFAN)$5G

*M/<$P:1]HQ9W!$YE06^228_M$0?9-MGKC/KW|:>-$TM=,FTT:=:BQF+&2V$2^6^XY;*I,263SS7^D6>K7=S-!I M_B?*
Q$HG<2%,605EAC)!^57|\M22,??]ZTWL[70/&.LZ5H1:+3G\/2W%U;1R%H MX9@V$8 D[692W QG;FO0Y=)TZXTL:7-8VTFGB,1"V>(&/8.B[>F!@8^E0:,X
*M=T;1[,.TTI2[2UMYL^;'#$%$G&/F]>,..:-/-M,@M]=N?.NCZV[2.8WAM;I(7 ME*K<7 6(?-@C<54D@>^:QUG.G^$=?MM&NS+83>+DM)9WO&4>0RQ AIAEE4D!*
*M"W)P>]>OWOAG0!2ZVT^]TFRN+.U $$,D*L10 P H[<<<5-'H>DQ6-0Y1299 MK:7!S- (5$5Q@\I*H^@ 'G,NEZ]K6T_Q+]-A;Z=IEQ_ &+(\5C8WTEQ MO+X\][CLO"/AS39A-*
*8Z'I]O()1,'B MMU4AP" 00..&;\S0!IV]Y,733+,W$4QAD,4HC<-Y;CJK8Z'D<'UKRKQ {1K\ M6W1BK"VMB"IP1_HPKU*UT^SL7N&M+6&!KF4S3&- OF2' +-CJ>!S4Z,'SP!M ?*
^]@<#Y=/>X674X[F, DDG9S=8A MWAGR>2&&<^^.E:OC9[\U72-%ET@:I>72S2PP3W;6]N%0+N9R,[CR,#:W?I7 M5R6%I+-6T\EM$TUKN\AR@S%D;3M/;*
*(XJOJVA:3K14<6K:=:WJ1-NO3Q!IH1 MGI0!V%9W"4W!5W<<'HM=06GAKQ M=XM'AER);7PNTB0I*9!;RAW(502=O9MQ[<]Z],_X1_1O[+ITS^RK/!,2TEL*
*DI(%\MCQR5QCL/R%&F^'M&T?'!FZ7:6F(_*S#'JG;G...V>:,/+9-'T#3I?AY= MZ;=,.][>7\,LI-TSFZ!B_P# GC&6]4R&U\4'RV9S M\@,T"GOTVDUZA9^$?*
#FG3>=9Z'!]O+YHF#QVZJ0XS@@@<8R?S-7&T;3'M+NT M>PMFM[OVDN8C$*LS-C)8=R<(#D^E -)7MI;Z3XZ\'6.F)Y=]EMJ.V)7)4G$9[-MGGDFN-*
*O92?"7_A,#=2_\)86\P7@G;SA=>;CR0N>G\.S&,=]]?L|!TG3TLUL M]-M8!9*ZVPCB \D.)OB1XDM]96::WALK(K;"=EC#L)K"3X?: ^HWR MM3WD=O$ES.JK+*J@,X7.T$]\9./K6*
M0_A2G(\IN(TCAL]$CC6O%&02OQOXI 6P_=6)!*_,QS/9/_9&DWS F-J5Q M?W+/+;VS7301.6BB2P\Q10V>JM'#;PW)6C@:!C0E M$<@'-8GC*
P2178:IH^FZW:BUU2QM!R ,'"3QA@&'0C/0^].T_2=.TB-X].L; M>TC<@LL80A0H)]@!^%'F7]F:%K.O^/OI;O&+64XDBC:Z9!;+]G3IZ[@C M!R/O?[/,7:=;W&M>{[GPAI^IVMM?I-
*H N_LVH7CV\=Q-N +G:C;V";3@CC<3 M7>0> =*GUK6+_6;"PU'[9>+U30=)UNV2WU33;6\A MC.42:(,$/I,]/PH \RU#1-1M]"\/:-J=Z%BF\3>6B6-Z\AAMFCE/D^:0K"S*
M+TR!BM'Q9X9MM:WNI;3[;4=#TNQD\W2)+MHVA!34>]>&~"UNYBN=4TSI5>&~"UNYBN=4TSI5>&~"UNYBN=4TSI5

*G*EOO$NB;,I]O?WF]6L5K<@&"0R·B7(R-F/O<<\·M4_7-0M!]&FW5DSE!<0O$6·SMW·C/ZU6T71,;1=+L,.·4>2UM8K;[1Y8#R*BA·M1D_ATK%U_P*
61IX=T_5=''Nl:ZAN=1MK;S5(=2CRJCCV."1[&GZ=X_P!#'U'Q;·M?^'8[J%;NU=8X_W@/GN0Q=5'JNT@T·=%+9VLTR32VT,DJ?<=T!9?H>U2B-!(·M9·B[R_"V.2/3-
8%AXFMH/"\&K;YJ6EQB1V0S6LC>2[;V·5-W).!R/4&KD?B;·M0Y=%?64U6T.G1G#W'F#.ISC!]#D@8ZI\T_7TM+;.,X>X2WB69_OR"@#-]3U-!M·M+1#W(N3;O&X_P)=@W8^O6IH-+U?
3]:M/M>FW<=5·&*%XST8=01V/(X·<6WICE-·M6\)?:8NQ:]I\&FZ8·/L_#@%&(N2O@RTC]HPVA#QP#ITT·=\(T$AD"+O(P6QRIZ9H·M2·(EVQHJ+GC7B
YYK'MO%_AV\2|>WUJRD2SC62Y<3#;$K#(+'H*?I/BG0M=6·M0·TH1^4'J1UQ[!*·-/[/·+@W'DQ^<5VF3;-V/3/7%-BM+:.":2:*W·MBCED^^Z(·6^.I[UBP^.:"UQ#9&GDQ[8R"B[1A2.F/2
ML56/%@Z!,D.]ZK;6DKKO$A&"/S%·&EY:>9YFQ=^.N[·/3-)Y,6QT\I·CDEUVC#9ZY]:R[3Q·M3H5]:6UU;ZK;RP7·Q]FA=7X;?!.SV;@\'FKPO[0ZD=.%Q'IL$/GF'/S"/.W=
MCTSQ0!)#:VO·8(8(HXCG.:(O/7@4[R8L1CRTQ'ISY1\O&./3BKL5%6@Z)·M)%[>K6M&)LR2/AL-NV\=3G;W3T-33^(=!MM'CU>;4[5-.D·,=8%9!L?/3:·M>Y/H*·!8T5V=44,^-S·,|
MXXJZ=0M*%U)=.-Q&+QXCL)/S%·0"P'ID@?C0!9(!&*,·M@U!%9VL$3Q0VT,<;YW(D8·/;/7('6JG_"0Z1_9MQJ/!HV_P!BMY&BFG#C:CAM·MI4GUSQ7-
P^/M/L/$7B"QU[5+"SBM+N.&T$C!6*F%)?]-S=>@R*·.S,49V9C·M4[.4X^[QCCTX]-[.UDN%N)+·,%YT^{(R·L/H>M4]5\1:/HEM%<9^4=6X]*\Z=]=C{]C'>Z==PW5K()V6%PRGUY%
%]BBB@·HHHH·****·M"BBB@·HHHH·****·"BBB@·HHHH·****·"N3^)T,D_P·--?BAC>21K4A4122>·M1T·KK**·.*U:Q6V\?>"S:6@2&""]B/E)A47RTVKQP!D<"N*_M?4M>N/"QNI9
MENX=:&>XTJ'3&CCL&9?FD(S$:QUYR3C·KVJB@#S.WO_·,R/&WV3?!=7%W%]·M&]·VHZ7<63C[.3GS)TE(&%RH.#D'/%_·Q!5H)O#>1S02SZ,I'>J+>·+'&9"B^·M6ZK(5·)
(5B#QTKM:*·/([J;+5!J^·(%_IMC<+·,77AP+'*ULT?VEPLP!+*"·6[#·M·,G'IBI=9N4T6VTS5+"^N;3Q%#ID,*VCV#SPWR%EBX7AMV1E6!&[D8KU>B@
M#S>·+5H_#_CS4M3\1VD]NNIZ;,"U=;=YE0H'\V·%·<'+[#'$/W@6U_J4KZAIMS9.IM&;<7·MF64@87F44·>(:+IZMX=B|+Z]KVIV=XEX3+8QZ8&9I1/O61)!&2·M0QPV_/?
K70/>6NC;!XUL=8L+FXNM6E5[14M&E%85144@$?P8$$@#.>G~·MGT4·BE1HY%L((@RL,$';.HKS>SCU7PQX(\,·*=-TZ>>·^MHU0=[(tY9',>1Z+
($/T8U[·10!YOI&@3>'_%WA6TV/\&D7AN9@.·))W>)G)/·MJS%C7/)]^1.]=>=%&N99A=0ZQ$]QI<.F·%'8·;UPTA&<\XZ\Y)Q@5[310!YY9·M2O!XM\;Z0#-
!J.LLM@QB?;X^R]NX.!M&&4CKU%<]X6M;.[T|PQH^H·WJ<-Y·MIDT$G]E_V6$,,T?4%Q'G:?FRQ/(/)YKV2B@#C/·M@L&H>+KE[7RY1],F·M&=
B;>>XR6Q|37)Z+]NHZ%X\%6)DTVWFMYA4P·H.<]!8NQ:)$,I_A#9%&\C_·M·&^R.U%).!OQT5·MUY)]5·7[3$;'PQK'C"\%06ER[QJ·ZT!OMM'E%Y·8E5(U*]02,,,NTl,UZ9!0!
MY5H.@WEE??#2UU2U+SV6GWADWKN\AML>T$]B!Q^%,^A:7J.NH^+X;"_FTDMK·M0F65+=`W@P1[L!P1R>*TUFVU"\?YIIY<2J9)&[LV.3[#VKT.B·M@#S"34H_$'C76K_3[>
];R_X1EX(YY+=XUF?S&)V;@">N.G4&LFPN+/4_"O@7·MP[!VG74.KV·U93W$;6;Q_9UC·;64L1MPPS@Y^,;?ZYKV6B@#R.^M+DZ!XE46\
MQ9_&,.RM28^&O%/BR#7K2Z>;4K\D\K8I9O.+N'RE58U·MU02I#:?7TKTBB@#D?B=%)1K;'HBY)Y'85#%9[·C!]KDMMPC\·M/QL+L9WR
>QO^E=I10!Y%;65Q'X0T>!,651#XQW+&(R·D8NW.<=EQ^%;·MDNHVOACXDZYJ&N1SQV]_;6RV·T+=Y5VH&$D65!P=Q#8[YKT&B@#Q^TT."+:&"@D$E2.G456\3.,;?
7EQXI,%E/<1F\TR9X$0DW·M$*)&TBJ/XN·>/,%>MT4·>>C4+3Q5\0?#=[H4VVL&/2VB^!86.Q9;LZBLQ58L2%QMX^;JG.WOZ>U>P44·4(-6MJC6KO2
MDCG$]K&DCNT1$9#YQM;H3QS7/?$F&62PU:I#&\C+5+)B$4DX$Z9/%=A10!QO·MB^R%YXO\%;I;SH8[^9WRFY5(@*M(U"\D^(45A:SMYDNFS[(·MHLF95"F3;#PQPO3OC>O7:*
//O#(L-7|6V^J1^(&4[NULY(@KZ=]G18V9,·MJ[".1G(|"DYZ[=:O>.9?"D_D6/BBWN5·7SK:[BMY3Y;YQ\DD8)5^·<=^.M=G·M10!XM?
I>W/@SPJ_B5=1GLXM>8^;+'(+DV@241O($&\.1CGKTK.U>UTI4/!T4·MQ@Z"IN_['U6WU)K619|\Q1@65?.Y)V\@#*TI37I|%·'-Z3XWTC7+Z"ST^/4)9·MI·3)NL98UM\·G]XS*
#D8QD\G\:R?$]Q'HWQ#T/7-3BE;2H[*XMA.D+2+;3L·MR$,P4$C9866*72+72^%;.]BM/A"4,A'E_N7·W>E2;-=3VVI#·MP_X7O;B\TNYBNV:&ZLGBDTN0]S+·^\(&09&QM8$\]2*]6HH
\;·^TV·H_#71?!·MJ&]W%XB@DM$:;K1U·K+'(4DF9R·IT'#G=GG=[UZ)WL]-NO#,T6[SW5O;>9&·MPN+:-G>%U<,CX·/8#.1CUKH:*·/"-4O>UWPY!O0R?VE;:>5>X
MMU0YF\A@=VQV&<#!VY X]Q?Z7_PD&A>+++S1=;OM7U2ZTM;4YLOLZ.H9F"@A%·M#.067N0"·>U>MT4·>;>·'?|/UCQ%HER/$&HW5SITH&*O?
MG=^]0TO5M3M9KFROGN;*"1XR6TV4W,I'R]DDXRV,Y·R<8KV6B·M@#D?':;=Y&FW·WJ5U1=U;7!EL[V&V,RQR;2I#KM(P58C!QGL:YF76-1EM_!?·MB?
7+.2*&TOKI,]6&V<#8|\>J44·>-;O)+K6C?$YV\M,*\·M5$Y%;·M2=V&*&\1I8K;·W66O>,?"8T6PNH5T=+A[T·9O#IEC,)0·M0G(·K6MJ\W->ET4·>;^";XV.NVN@Z)=SZEX?
6WE?%S9/%+IQ!&V.NO·VSD<6P:X,.FW·WI5R^%/8&OG:*·/·M(:1[C4·>|5W;?=SJ44OASRTNVL3;K*X.ORJ.#=C/7GN.U:3;.|G\·?#));>S.·M;P7EJ?"1X.8:V?G'3)Z^_6O3**
//=']NDL_$7C72;A)DO+RY:ZMU,+[98S;·MH-P,&WJI'7KQ611^L:AHWAGP59/(VE6DFDCS=0-BUPZR!4Q"!CY">3R#G;@5·MZS10!XYI%K=_\(KX=5X+G%?$=H9·M)C:O&),·Y<;@"5·P-
W3C'\L?6·+O5\8?O@^*UF;2=?OX-3DE5#Y:1]"UPA;L·M6:),/^FAKUJB@#RGO/:7#K\4=EO*WG:?:B+:A.\B@LA??!*]3Q4"AQK0(P1·MI$_':,%JZ*]NI6$.]Z5>:=<%Q@#=P//
(4.&"LI4X|\&@#RRRO:/7:+P#I.C6%·MS%>Z=4LDD:B,ELC:SG((QQBO9[*TCL+"VLX2QBMXEB0L·<=\+D?2N4T;5-1T'P/X/M>=:,MI1OT4
>,65O=R^$+MFCNI6D\8PS]TML8G=#+"V\I@·M;0>3TKK],NXJ-·^*OB&VNUFC?4XK-K,^2Y64)&X?# 8&#ZD5W%%·'B%I9W]EX·M?\#ZE++=V%G93:@MQ/';>U29+
MO48+@Z@E@8_)N(U79(U"/1?Y5RV"'''>IS7]5%·'+·^!=6U+5]*NY-1*S"*[:*W·MO5MV@^V1+B38W3DD>A\%5CQ6_I[_$H^3)B98_+.T_/·H:CCUYXKT"B@#RZ
M^TEX/A'X2$&G.]M9/I]W?VD,1+/$NUI,H.6.X[B.^#5J2\@\4>.K?5=$CF>T·MLM)NH;NI,#QK*7V^7$-P!8@JS>V?4UZ/10!Y#HD3?#GX;VSZ8IV:C9R31&#·M[N4=]-
LVL5;&:+33=27SDL#&#@@;>/EQGYL]*Q?#FFRR0_"Q;NS=OLUM=·M%Q+&3Y3"(;2<[#D<5ZW10!Y=?>'[G4V^(,%I$T5RE];WVGMMP/M$<$;@K]67
M!/N:U,AS6PO;&XM3+)\)HVC·M,D1PZY&,]>Q&>*BTK3+,;1=(M·,LD*6UL$,8/)VI,<^IH·X&]UK2]^",&IW>·MJ12A3I%NB7*6S2B++Y4E02NI'T.W'I7·Q;7]>GZ+X6U25;W3--
AU.^N2$M/·M·>RCF+&%FB(.3V^7?VKUV'1,6#Q#=:VK2?:KFWCMW!8;·J%B,#'7YSW]*T·M:·/'J9TVUO?·GBV\L=1O=8EU&.T$[261A5BDB#Y $4-\N,D9Z5U7C.'2[)M'
MN/[1GT6\LO,^P7,%F9HD&T*I;J%(P1C X/"!XKMJ*/+(J6O4U?PEX[\3:=) M;VW!GW,.ICMW9;6=G7;(5P60.BGKTS@UG:S:2:KX.|>ZI9V4XTS5+|S^RQM·MR&?8T:R2!",X8|\
<[&Y+>VV0IIMY"S1IA54&+:IQP!UP·M*]?$B2ZT5M(\5V%K+&K_2=;T[P4·M\$[V%[-9ZO=3%28]T49\Y6/JTL41Q_M&NHLM-5]5^(\LEF"UPRQ[+\R)]E7
MY0>XR3QZUZ%10!Y)HEP/#^H>$M9UN&X2P/AB&TCG,#R*WN,]S!@·2I9<#)_N·MXK7\.,I;Z!WB;Q+=*V]S,:1?:L);2(PE7<.(X]X0X(WOSR,XYKT2]E]EH]3·MVK7<7F_99Q<1*6.!(
0"1WQG(SWP>H%_%NBBB@·HHHH·****·"BBB@·HHHH·M****·"BBB@·HHHH·****·"J]_?6^FV,MY=,RP1#+\%49S^"]"2?8"K%8?C"?6·M8/"M])H"_^JJ^4%4,V-PWE0W!8+N(!JXH
AM/&NE7@O42/4([FSA$\EK-83·M),8RH'?'%;WPS%W9^·#[31K_3;VSN·MM-3R93/^M20[FYC;/S#·!R/44·2;-XZAU7QCJN@FQO8_LDJ1O2FSF"MF/W$FH73^0]TUJ_DF8L=L9D"[
QG&,.UI·MZ4+O3/B5X@6?3;QK?53;26]W"NA·CAVL';/RG*XQWR*P+?0·43X-Z'IG]6S·M"^AO;:22#9\Z 709B1[+]D_2@#LM6\;:·H][-:7#W4LMN@DN?LU0),MLAY#2% %
(48YYYQST]_?ZQ;V>@RZO'ON;=8?.0V\;2F0$<$\020YTWQ7·MXB:·^\2R6FIS+/!)I!W(ZF·49'·Y4@KC)X((KO--TR*T\)6VF6<,T$260ABB·MN&!>,,;!6()&1T.":·,LO'
USP9I^KI/+1$TLUJDK36$CHS2,!L3·M,@9S6GJ7Q"\,Z5>WMG<7%PT]BP%V1-I)+Y"E0V]RJG"X8<_7T·GQSQS0XW>7*F]E.?F4!'3,6ZD>2X#_9I3·XAN"HRPCD(VN0.N":;=^.]!
MLKZ.VFGN-EO*(+BZ2UD;W@D,/E>4+M4\C.3QGG%8>]PCWXL\AP@LI0VGO'I]·M7_4@6K*=WIQ_·^M<[#X=BL0-7T/6;+Q7<1W-[<.HTYMUM<$,1R·M*
/5]1U&STC3H]0O[A+>T@7?)*_11_GMWK'T[QKH^!7,EK&+V&Z6·W"P7-E+·M#)+&.K1JR@O]!D^U5_'FCWFI>$/L^FP?:)[6>WN%MBP'GK%(K%,GN0O?OBLY
M)+SQ3XXT'4XM'U#3|/2(|AYI;·^'RFD>5·@C5*·9-J;6*·EP%Y&|(R<@8K·M00000>XKG;'3;M/B6U^]M(+,·^P(·+<3%?E\P3.2N?7!·I];X?V%UIOAN6WO+=X
M)/!0NW5'&#M:=V4_0@=_C0!%>,=-TWP_']&L:TMQ·^S6B7"VC1C>K/B/;_MG(*$9[D>]!7;/QMH5Y8ZE=FXEMDTQ0UEXW;0@=1%Q0!"I&Q2C·'!·XXYKCK·!+0=470_·M#D,FGSA[?Q5·
=RJ4Y2(R3D.?;YE.?<5]ZGD)D\5>*9[I1[^TN!TJU@:,!>9·M\/+N"\C+·,#USTQSB@#1U!Q9!/X4U,_M;JTAK5$8W%[IDF8PQ&&$;·;P>1Q
MT]JK'C'1]#OTL,N2XDN3%Y[I;6LDQBBSCS'V·[5SW·<'>67B+4?!*BO38H=8·MNM,,4*Z8NIQ·73-NS(O9F487!89Z]:WY9+_PWX^UO4#HFH:C;.M;6WV>2RC# M[*B#*8WR1L!W
@GCD\T·,*>,XA\/]·UC6KV2XGO+B>*'RHC)).1·($5$098·M1'5[0!=!DULCQMH7]8?>K2W,D%M92K#=+/"\·XZH'3VH·[_2?$%6K6F3:#0=&WC8C,EK(C.·VY·M%8·L"",$#FN?\/?
$:RU;2M6O[RUN[2+3GN&D=K24)Y43$9W%0-^!DIU'/"%=·MJ!@8%>716>IIX++|;^'6TB_%W*VHS6\GE9BG65F*!&SRQW=/8T·=,;·.=$NM/
MGOK=KV6VC=8T=+&9O/+9QY0"YD'!Y7(X]6T\9.)=·.|*%^UQ):Q;,.P·?B7<+·MPR0<9$Y&·/(Z>O;LSQ"=;T_P?H\6D174>Q[>*]^QQ*\\5OMP_E]01N!YCH2!·MG
KC9/#>M:EIOC5K>QU1S=EPFM!JA42W0A;/5_'O·MA[3M·FNX8)H+J2ZMKFT>%G_5#$^'4"WL$>]7K'QHFG^&=.6O]7UH70O)Y8(·MKI+-H_-=6?Y1&,D$\"H_O$#'6LY;]-|
$/Q!\..FF@:E96-E!=I)->Q",]W5·M,+M24·O4\$GCI6;HN@Z1#HW@6*;3YU>SU>ZFN%9.8D;]1M9O0'&2#C(W(P#N*XCQO8W4>]7,ELXAOHM-BMFP1Y5AT*]?\(QVSC/
M%;OA:XEB\;'_(2"/5DUR\LC';/>10)&T$;,F5?)=ANRX)+8[8H.[2WUBRN=·M8O=*CE/VRS2.2;-E(PKYVD$\$<'ITQ6(;·^)K75]8T1]/U4"SOH;EDWMV&S<^·M6RJ6#G&T*3Z?.#6'\0M·
UR'5+75_#EI)/=WEI+I·QY?_"S63F.4^R·DY_V]·MMR^&Y+'Q1X2MK"'"0:?I^F7=[9U7B/*Q*F3ZG:3^!H·T/^%A>'?M8A^T7'D&?·M[,+W[++)]E,N=NSSMNS.>,YQGO45GKTL'C'Q;%?
W+?V=[UO9RQH$W>7O600@*&M,DG;..?:N·%EK$_PRC^'Y\/?]>I!5M'NCG&/L]9·#[QU#·6SC[?I=HELI?*LSH9"4Z9Z#_@0]=[S4?$7C·M'PC=Q^&]3L;6PDG-
S++Q"/RV>!E"@9R1GC=TY&,]@#6M_&.FZ7H+:CK.M+/·MVHS6BSK:-&%96?$>T9)QL(SWQ[U2(R?=A\V4B0_[/*G/N*T/&.DWB>-M·M/UT1ZQ)8?8)+.4Z0W[Z)RX<$J.64X(..X%·'2-
X5T)=·&M&\/V1]?(\I_-_MN=OE>7C=OSQMQFL77/B39:,H\%]:V5_+(J]%:R0RV,R/%N9=VX;<@[6!4?Q'·M@9K'N-"DM-*TK5])TK69UM=<.HW=K>X-S,&C,,2*N>HR'%.#P;T_%-S?
^(_"M#7·1H6I1FTU&UN%MYX@LT\<·MF.:P_*N=4\?Z'JZZ?=Q67]E74.9M&N%$SI·MQA)IA9MG.XW/S1@^Z1%E_P"\|"@#T+6_$&C^X89+Z23?/)Y4$,,32RS/C.%1
M02>!GV]C+XVT2'2[>^>6Y_TB4P0VMV23[0\@ZH(MN_(QSQ6?XN@O;3Q3X<\0·MP:?\6+H&I-9VBW5O+·M.^6IN8UD"[91&#ZH01]X.]U·&_%XVT*71+_
%8W.L5OIYVWB30.DL!XX,.C·M<.H[4VP\<+77.O!U<+X]\)W<·L]6UK%>++·(·MJ_+'N1·H/DC]*·*?A[XC6,JZ)]>I7MM=V<6GM.TKM:2A/*C,O#,;/·M?B]9K^6%_)S%,)'9DV-
GYB0PX]C6YXHTR^33O"U_9V$EV-&NXIY[*$#>4\ID·M)13@%EW·@>U·%Y_&%CJ>BZW_·&=)<6^HV-F\K075N\,L?R$]VQP,C(Z\BLS1·M-
=U.ZUGP=#/=L\=]X?;ZN5*C\]Y*!#\QX_P!INGK56:UU#Q'KNM;!%IB2?:59VPT·M"738$NXO+EN)&8OD)U·& !G&2QQ2:?H.I·>>$T>VF@6'PS+9SRE?]3*RP@*?
M0\'!C0!T=KX[T&\OX,:&>XV7$1@M]IK61;>·09^·1)2NUCP<8/,,UG>++?'^E·MZ5I^MVMO=7·O]2VD!GBM7>*WT*$Q]\@4HK&XX)[C-Z=%:@T]QQH>IWUO
M:V\MR/M186DTMK)'#!X%QN#,K@$·@$@UA?$:YEL]1\(7$-G)>/'J^]R(B-]CR)<[V]S=07,,F@#I8O%FEG2·M+O5+DW5A:YG,QOK62!E!Z$!@"5541]N&,·MV:U2"[G:..YE$"7'V600B4G
C:3;M#'TJK>U+5]+2/]ZVY4QB[N4M8CM)!D?,·MT"3,,9/M7G<6@:HOP8TW3/!/F%,'>PR-!L^=0+P.3C_·'>?I78^,=(FUOP,·MJ-I.·F]5!/:XZB;.ATQ_P)0/QH·NP^(=+!GUG4-
)2Z7?[;I\;2W.9!&Q7&0<|#·MQ^617)?'CZVC\7Z3,EU(GNI/4(^(4?B·:9>Z?86FFO:!KV+RD)Y'D5N$SG:H·M7[<AWD5GTM0]\&#@N50$A<\9-17WC31K);+$·MES=2WI
N8(+.UDFE:+CYRBJ2]\]3CTK%OGO?#GQ"OM8?2-0U&QU&PAA22QB\·MUX9(V?*%<@@,'!STR*B>?4=&\;2>(KG0=1GM-3TR"(I:QB:6TE1F)C95/0[^·MHR,C\:·-V7QUX.]4O\·A9?A
MP),-]_\·;8"?-L_L$WVB-0·=[1[=P3!!W$9]:YNW\,ZN;+3+N;3I8Y+OQ=·M:TEMP56T++X&·&0+P"20M74;,!US%\]/$M]),.MM<6=FD4Q7Y7*^;N·/?$56
M110!;OO&V@6%KIMS++>EXM3C,EEY,3R&<·X4**23N&!C-9Y^)_A=;9[·M-T1·M$2+E192EK3!P3,·N8QG^]C/:N>\+Z#JEK%\.!G^H++(·H:TS·M5XZ+?_V)\28OL,OF:A)
<&U79S.#:HHV^·N6R/K0!T5YK:6OB5(S[)>W_LR2[^·MPPV;2O(%=1YBNN2>N-@!)SFN8C^*R2?#]Y\1_P!EW8NX4)\DVDWE%MS·?O-N·M^N%Y/0$X.*OZ/I=_#XRT&ZEM95@A\-
FVED*\)+OD.?>?RK+L=,U6Y^#FL>·M%#I-[#]=M;3Q·2QI8YV·1V7RVSALC'YB@#M&\9Z5%U-?Q·;9/)@MFL11·M/*^,D+$5W'CG.,8[T^/QEH3:%=ZR]VT·I9N8[D31.DD+\?
(R$;@W(P,@MK$7$%S!;IY5W'YBH·ZIU(RN#CG!R*AOO#[S^'+G4·MM(TW6YKI=5M+^>'4R!-+*"5R%!/[T8&<$E?10!LZ9XQ&M_$BWTVESNH5=*F
MFGM+FV:%UD$L85BKJ&^ZQQV.,Z#5_%.FZ+>163:6LD[K&#@NP0·M"'YXR>O:N=TV;_UGXG6NL?V]Y%EIT>D36XFO(Q&S.98FQMSE>·<9ZX/89+?'
M<$@U%;S3++7H]=BM"MI?;,$'CD))(AE\)?:N·)W·#G@i|·.JBMZQ@Z5'*Q·MO!·K=E"A'IF*Q(15/'6J$OC+0XM&_M5KIS,&Y:T0+"[223*Y0HB·,E·5/0
M=L]*YR:36=&\:6FN7NC7E[]KT2*TF&G1B3R[E7+LI&1A3O.&/"%8NGZ/KFG:·M'X>U:?1KEY=-UJ]N.K3X\/)Y.14\MV9&1EW<_*>!SQBNFT/Q/IOB%[J*R:X2XM"HGM[FW>&2
M/<,]2K@'!_.#7.ZW)?>)H_#ES#HM_;QVVOPRLES&%?REC?,17)*KN;'.#Q[U·MHV·A=1_$W6;|K=UM)M-M8TFO\KNKRY&?4·C\Z·-BWUS3[F]U.U2?$VF,]W:N
MI7R\KO!YZ@CG(|#658>));75-=LY+750+&YTIKU+62U*%DW@><9#C·P<;2.^:·MYOQYH>M/KY?0[:5X?$%F-+U"2/I,@2#$S?]·,-Y5_*K6N^&+N\|2W-I[\#06·MXB"0P+
06*G#D[<+M[*G%3W%MXDTRU\77&EVMTD·MM5K<4BO#&K2M;>7$LCQ*W#,&QGN#0!T+>,.M·TEMP56T[*^^·T:,&'FLY;*5)E·MW?<.PKNVG'4#)/2L^T\·C6O"FCZI'<3:3+.?
14N!^,]#TF2RCGNGDDOH3·.;)PO.UPHV_<"_I C\P.! MVR>@-&·M=0T;6_!D,\32HVB3V!Q.HRB2$Q87/X.|[*@#LM$UVP\0Z?]MTZ5GB$C1.KQ·MLCQNIPRLK
%2/0US6O1>+KS4]272IYK2VD^SV=]V$(0[M\USSV"_(!W({=:,·MIX#PY:>+++UM'O+II=<>:"W@4;YHW6=ZYZC[Q_·UW%·!1110·4444·%%%%·M:!1110·4444·%%%%·!1110·4444
%%%%·!1110·4444·%%%%·!1110·4444·%·M%%%·!1110·4444·%%%%·!1110·4444·%%%%·%/5·%I=:·MT^6PU&W2XM9<;HVSV.001R""·01R*I:5X5T?
1KQKRTMY6NF3R_/N;F6X<)G.·MT·(S$#(^]*V;*·"BBB@·HHHH·****·"BBB@\"'Z\[:]J\N8$F1)%E57&0'4Y·M4_4$·BIZ**·"BBB@·HHHH·****·"]5AI·CI7)>SFXN&+%B\A·&>2<·M<·#
X&.*NT4·%%%%·!1110·4444·%%%%·!1110·52T_2;'2Y+R2S@\M]RX;Y·MN&++%B\A·/)\..·!@<=#"%7:*·"BBB@·HHHH·****·"BBB·M@"G>Z59:A<64]U#YDME-
Y]NVXC8^TKG@\\.1SZUYQB@"Q17G&B^,)O2M3O?]HDT·M@_5M6M%C:XM+9Y8UE!*E@,.@$'ST·;5%>·<^(?&[$]+·$T&WU:?3//MFN+E6·M"Q,S,YV>6@WDPX<22.F
"17>WJ_:Z78RWM[.L·O$,N[9..<=N3R0.4·6;*Q·M-\7:)]WVL6MV^^SC\V>,:WDA=$YPVUU!(X/(%5M/\>^&-5O[:RLM4666Z&8·M#Y3A)#C<5#E=I8#]N*M&UR>;"QNG(^)!(4]$D#
[#T<+(]DK[CB@#9HKFK?Q_P"&;MY%M]0·M78CR!EM!2LBK]XQMMQ)C_9S57PS\0M)U[PHVNW+_·&!(8Q)=")57"19)·=E·M?./X<\G%
'7T5B;XMT37K6UL+MFN8T$K0S020OI)QN"R*I^·XXINB>,=!\·M1W+6^D7_·J=8O-J?PH7C^(!GYA\NTJQY(·/·8·D8((K<]<:K(M=>)·1TG·MPV=/MK?
2]B75[>Q/+OE9=WEHBLO0$9)/?&*·.RHKGI/$:Z!5HWBF>VAU"9V·MC6*Q227SB">8T·+GY<$C!QGKWJ:'Q=H,^A3:TFI1_P!GP,4ED964QN"!L92-·MP;)·VXSR.,:-
NBN;M?'OAR|&H>7>3]=/@:YNQ·9S1&&,#))#(.W..I["I=-·M\:^'=7U1=.L=266Y=6>,>6ZK%^]L<@*^.^TG%·&·17-W7CWPS9:A)97&IA9·M(11#+((9##%(?X7E"[%//0D8]V-
3*^++FQDU"U$5@ER;8Q.)$R[#S"·W=OR·MD8Z\9H·V:*_U'XBZ??:IX>M-·U,.UWJB13!K=E$T!23)0NH#+#"·,N>W/-=·MIJ.IV6DI;O?3B%;B=+:-BI(.CG"C@<9/&3Q0!/,8+U
/,.3@XIM[XLTG1K6P_M*^#7%U$'C2WMY)'E&!EEC0,·MP7GN.*·-ZBN.USQ6LVDZ!].@7\0+L4\CJ1UH·Z&BN3/CW3T|=R>&'CF#K#·M&RS"&4YE9RNS·3·&
#OSCG';KEQXW\.VNI/83:CMF2402.(9#%'(<811ONQ6·MY'!8&@##H**Q;SQ9HUAJPTN>Z?[\7\F\(/>201[_NIV52]9[.B*MZWIT.AZ+=Z·MG"1##&""5,Y'7UH·M·Z"BN9B\8Z78Z-
L,NI:B+BYO;19U:SM)7\U=H)D$;JS*G(\/3-='#+'<01S1·M-NCD4,K>H(R#0·^BO+W\<>*K;P|J/BF5-'FTFQOHH)+189$G,23&/*R%RI;O
MC:,UV>K^,=."T.Y6VO[QUM>'YIBAMY)F1/!S(!%)4>Y00·INT5R>I^(W?6?"'!TJ·M]CDT[5;F42/&%998Q·[K@XX^8·\8Z8]>T]3V=IH]_J.K:O:/!,W\MMYD4+IM·M(?:
(MIR7<'CY>O:@#I:*P;#QEH.I7%M;VU\)?/N9'BBBE@DC,O#UOH=MK4N]P+IMT_EQ7')5FPQOP·M.#\K=<[6FLZ=%?V+N]O+G:SQ-&>"0_99S/]F#&WD\KS;MV;L\8W=>*
,AHKG=4\=>'-&O;BSOM1V75N·9H4·M@DD9%*AMQ"J?EP1EN@SS6A:;_I=]?QV5K>)++<2VBWL:J#AX&.·X.,$9]#Z>3·M·M&E15/3]4LM52=[&<3)!.]O(PA@"1#AAR.
<'C(XBK/D3Y>TL]·M/6·5MEL25N7PYDWR,GR·!1@@]#V)H·]:HK·TIQKX>U74(K*SU#?-\)=·M@#(D·M<^WKY;LH5\?])-8/C;XBZ?I&AZW!IVJJFL6D+K&P@9HTF
R$+E3'O_V2<^U·M'>T5A7_BO2=&ZUCU&Z<7,\/FB&&"2:0J.K%8U)"Y[D8HO/&?AVPTZRU"XU2%·M;2^!-M*H9A+@9P,·\X[=2>.O%·&[17.7?CKP]9002S7<^V>·7"JEG,[+&21N

M=50E!P?O_=#4%_X@E?Q3X1BTV[233=56ŸDD`,)56(.A!QD>,=ZS[(\6Z)KD\\%C=L;B!:])#-!)#($/1M MKJ"5]P,4 ;5%8>A^,-!\23M%I%]]98A*66)PNTX_B*@9Y&5SD9Y%2ZQXFTG M0IH8;^XD$TRLZ10P23.5&,MMC4D*,CD\4 :]%_$/2['Q=9Z(ZRLEQ:FX^ MT)#*Ÿ"2FQ0 AR'"SG.:C\f_>^-_#VGZ@UE=7[1R)((72[/(8HW,,*TH78IY'M4T =#17)GQ[IZ^.Y? ##QS!UAC99A#*Y2OE,JACG(Z8(.1 MQ6===>-_#]I:9S27LC"\@%S"D-M+*ŸA/20HJEE7W(%`0T5A7WC/P]HUA97UU-MJD2VUI.UD4,XF &?EV@Ÿ/(P.I/ YJO<^/\ PS;>6)M0082R0) <)"+:5I6C?= MA@#7=_"Ÿ>..\-G1OvIT?@<]SNJFgV/4IRJ%MF MA'7BH;GXA^%,.ZEMYj659(9€!-B&0K"X;,B1@N$&> 6(!&@#IZ*P]9\7Z'X M?G$&HWCI+Y7GLD4$DQ2/.- [!%.U>#R<#BM'2]3M-9TV'4+"1I+6<;HW:-DW# M.,X8]O2@"W17-6_BBRLK/4[S5]8M#;6^IM9K(D+QK"25"QN3G+ MRW"\]L5 M9TOQCH.LF[%EJ)M$$LXFC>$I&,_+G-37GB_2-%L]/.J;@IGNX1(@@MŸ',@ ! M9PBAF5>>IZ>M '045Q7ACQI,W'AW5.:U74XFLHM6N;>VG51AHA)MB50HRQ(Q MC)/O6Q;^,=!N=,O]02]*0:>NZ[LD&)(Y@X@1Q,(96S*S[0F MF.8P=^<2,2-8GQ&T>[<;M7[K8R1G'& M:.,\;:.!]^HQV%G>N;F5G>%9;>6(3*.I1(4>5?&%9;>6(3*.I1(4>6H= M+U54UBT1DC;R&<-QAcY-Y4QE\? PYS[5T+;VMKKVHQW>HVPM+33TNŸ(!_F1+ ME\R%NA!"G@#/% & 7/:,XŸ\-ZMJ4.GV.IK+<3]6A_=J2[1E@CE0K$#] 21 MSZ5#>_.$'PS!]V]M<;A)YB3?9V:*TFD3S?^>8=4*EO]D'-'3T4=169K/B#2_M#\,4FI77E>.<^R*-(VDDD;&<*B@LWK"@#3HK#A\8Z!/H<^LI]*?8+=_+GD9&4 MQ/D#:Z$;E.6'!'>K6BZ]IOB&UDNM+N#/!'(8RYB= 3@'C+O[9ODBTW3)[:.# <@^3?"C%1M&YB6/ Ÿ/.!6CJ?C?P]H]T]K>W M[1W21I*8%MŸ'DV-G#;54G'RG/"'?&10!T%%8MUXMT*ST>UU:748S97>!;/&K M2- ,2,@(]@LQ]@,U\XTV/7&F2:BFH@6T4Z6TI>)U:*1F"]KH5+#+DL.I'6@=? MH]@-9TXZZ=$%TGJH+;_.C;X.?*W;=V>G7CUI^F;I9.Q9"\L)Q/;L[H) 1)5 MBK8R.>01GI0!@T57O\VVTVQEO+_MR98K>%=TDC=_*S-*\6Z+K,UQ#9W4GG6\8EEBGMY(7"'HP5U!*\=0.4 ;=%/(;RI DC$;MHBD4AE##.\,\C%+0 4444 %%%% !1110 444 M4 %%%% !1110 50UQM170-1;2%5M2%M(;4-C!EVG;UXZXZU?HH \HYX/%='10!YQX(L!;>,]0GT#3;_$WPQ)9KOANX M9(5DN]_WXTD^8#9P3@ G%=%\0;6XO? A(KUM:PZS%$#MC!<42%FQ*WMQH<#3 M:@@38J1^2R&IQ8#=2*5=7OE_MZ]MI/#[V\=U]= OMŸ(A*E8BW-..> 1D\XR*MC2+U/ GPZMTT^=9[2\L'N(Q"0T($9#EQC*X)Y) M]>;!*HH \FU+2IK_(6._A..(G1]6O(M=F(^ZJQ_ZU"/]J5(3_P(UZ;]\;RZ M+?1QI7=[>154#))*G ID>C64>NSZT$8WTT"VQD9B0(U)8*!T'))/K5^@#R>R MU'5+SX76GA*P\,ZPNJS:8EA))>63V\$&8]CNSN!D 9.!DFM9]"NK'Q1/!!,W M$MK!X3%E',(SM=U=@%STW8P<=>;]"HH \SOO#VHW'P7?3;2SGCO+:VLH;2 M- DK%"CR*%88W\$X(Ÿ(YHM)A\02:C-,WGB>,4VTFYM(9M6M/\', V2..N<@Ÿ MXKD+&SU*7X7Z5I8T?43?.!?6\]Ÿ9R6S)H2.8LRQE@%DX& [@GMZU[#10!P<, MTOBCQ_I6K66G7]K9:99W"33WE]N97EV!8U5P&;&TDG&/>M#X9V$VF?#K1K2 MXM!M9TA)DADC*,K%B3D'G/-=910!Q'B SZ-\0[.\0S6%Ÿ=Z;_9LMDS6D#3M; MR&17#%%!;# 8R >G-C:C]OAOQ7["Z3=I#K&K64EO8R0'S6CC>%7D:/]- MVUB01G R:]DZE=Z7]UPM[;W5A;M<;'*!7C M=4R5Ÿ4$'&#FO0]* //+S4+]+QAI'BVYT/5IHKZ?/9M$+8RSVKF1661IHTRP#*.MN.!D<9Q7.;[!?-I>MZVMC=68U;7K\!"W>\QF/8/,6)B.LQ4G:V.!DXKV:LI M6=#L-?LEM=0C=D219HVCD:- XY%^ZZLI!4C/4&@#S5C+>Z3XVM[M=2E\3ZCH[M-]FEL/VOQ(CH@B16?=\SD'YB26'%=%>Z;JW&K:U8P)*SR M^$((",Z*D))/NE&W=TSR">X!S7I=% 'E;7EQK0\#VEMX17<>,-$/B+PGJ.F1G;/+$6MWZ;)5.Z, @P%;E% 'E-M M9ZQKW@CQEX@U'2KNWU75-/;T@LGA82]D<)&T+C/S2-(0.^16A&UQX9\7VVL7 MVFZA/97.AP6BRVM[\[6\B,69&1-6 ;<.<8R,5Z-10!Ÿ/'NM!?<.%8=3U<]P' NHW2*/N_=+'\3=553QS-XBU?3QO#,F31Z]ŸP=H[*PL-/#6\|| M"D.TI0Ÿ)YR X.1@#>QT4 <1.\VF?6.]FL;V2UOM)ALXYX+=Ÿ6659F)#E0= M@PP.3@8S7'VNA&'3-2\-Z]-XM!FO)R8;"S$EO(9DEMŸ$0>I*D"KE% 'E4:7.[_#GPGIHTC45N-.U#3(;&NXLG3'EKLD. M"/F08.6'&*W-8T^\D\>ZI&6@$]QDJTGFL0F>A;!Z=>: !FB@#R:.V M?3?"WAJ>*'Q!8>(K31(HH9;/3WG5SL7.$f,2/0*#AMN/7K7INDRWLVC6.NI0 MI#?O:QM$D*C6TN+*S>X5LCV&((=IR"1G .[MK7?T4 >6:'X>U73H? :7%C- &T6HWMS/$B[EM$E29E5B.!C>!]3BJŸTO5+.P@ MU)M+O)XM/\6W5]-,)"3(\+-(JR(G5\,@PQU'(KUNB@#@/%=Z===\(3Z]8:?>Y MUQH=RFH6QO(# TWE#+X5L-M*%UY S6G\(,:4^7UFZ0I=ZWX,31E]I;*@++NW @XP:PX?#^MMH M^D2SZ5.@N_%_]FT:+!D+C@GT+5ZQ10+5XUX@E\1ZW;3VM[\K[7T M>KQD:?,2>!9I EPI5_-V9?Ÿ0#D/G/8 &O9:* ./TC3YT\=>,]F:SD6*Ÿ2T6& M5XR%E B(8*>^#P<5Q,\>I>$OAQX0\3QV,RZEI-N;2XM9$*.T$M%/A[PKIVF.VZ M:&(&=_]K?-(WX16-"UG=2]. DR]=K=#@L,X MZ9KO:*/*?#.GPW? _".V6HOXN%YIKQ.+2XL@EM;RQH5_U@B"E.H&'.016??K M]%E\._$OA)O#VJW6JRSW;H\5FSQ3]\C2+*),;2<$?+G=D 9KV:B@#R_5;&\ MTSQQ+J=S/K]M8WFFV\,=QI-)RCQEMT'HI;Z(\I'V%EJ M4EC;WUW<2-?08DB+QR,&D 4\,N>,;@=1WKTJB@#=O%.H.TOB>2Q9!:MM+-FK6 MS.18K.UQ.2P9'=D<)@; <9VCDDFLKPQI&I6T7PT6>PNHS96UTMUOB8>03%@<!^ M/ER>!FO4]* .2^(5C>7>CZ=?V?]=O>S6L0R\T2\P4?Q$9R!WQ6=#) M-XF\>6FL66G7]M8V&G7$,D]W:O T]R%=L:]X#$+M))QC)KOJ* .6^&|C+IOP MZT*TGM7M9X[5?,ADC*,K'). 0>0.)?$>LZ9XFTV>/7S<"9DL;"QT\-,36X*E9&E*$L3R2 X.> * M]HEHH XJŸ>;)%.4^7UFZ0I=ZWX,31E]I;*@++NW @XP:PX?#^MMH M^D2SZ5.@N_%_]FT:+!D+C@GT+5Z

*{P<=!WW$ CMGTJEIOQ'>_AT;^E\/7MKI6K2QV\-Y)*AQ*_P!T% =VTG@-`MW],$4 =W1'7`CM[8ZI<6>AW-[I>DR-`?7B2HNUD&9-B$Y?:#STZ$#.*DU/X M@:9HUW/%?1R1Q? 85O;*93D7JG *1C^_DJ-O?<#0!UM%A?;!&)_P#1V02'D)_STX^JZ<54M?B&9?#$GB.ZT&]M=-;*)[1F M=&DNGE ';45YW;ZSJE]\4]&@U'2;G2W33+IC$\ZRQR M% M@AE,"1@@@CC\;ZOQ-XB@\,;&^J302W;,311&.'ESO=4X'<_-G'>@#9HKE]-\ M73SZ[_8^J:'=;9=RVS75]KRD)YZ*0&&5. XR/E]^M);^+;T;I[^FZMX?N--& MI>8+25KB.7+ (I>VDN'N(XU,L;$84,3)~NT_P# A7/ZAX7U[4=8N[B6IM_LMSJ%%&6@#IZ*XN-S0';#T'&< MGV&;1++PYKL'B?0,;>*6%9MRM%*!NC=6*L1QZ,1% &K17 6OQ-,^DVFMR>' M;Z'0YI5ADOGE3!TS-LW;,IB@8@%N/8&M8>,+B?Q?>>>'[#0KJZ.QEA6[NA*B1 MQ)(IL$YY)&X_*;?E/MD ZFBN'F^(K)97&L0Z!>3^';5HY-165,E5;:TBQYW M,@(//?@G%,-OXLLI-1UNTG0P#2H8[EI68%98'0L)%]OE8'Z4 ;]%<5IOB6#4 M?$.F7EPE_9-AW]EIM[K M=BUM>-*A|\/S1\]5.4##D9R#[4 >]T5R&H>-Y,>;5&T_0[G4+'2&*7US',B; M650SJBDYGH,U)<^-&EU6'3$(T]35)'L8[!B)TA'DN2%V[_O$X/' `&3 MS0!u=0%% !1110 4444 %%%% !1110 4444 %8'C?]!K MQ!X*U;2;+R_M-U 8X_,;"YR.IK?!DLL<,;22NL<:C+,QP /[GM(9K6>TGF,7F1R;2"KX,"&4=1R#75TR.6.4$QR*X5BI* MG.",H^M 'FMQX"UK5]&\1)]9TX7U_]4&H6\;EG@S&L?[M(C)7Y2L.>N.U:V M@Z!/827=U;^"] TBY^RO'$\5QO,KG'RL5C&V,XY)ZZ<5V]% 'F=OX+U=K/Q, MEOIUGHMMJ6ER6L6F079EB.X8-^]^Z%C&"!A1SU-8VM:?+/XT%BU[96\ECH=K-M!,+K49; (,"7W'&C(,B"S9&!@8ZFO8DECD9U2169+AP#DJ<9P?3BH+S3-/U MH;VQMKDH!T51*^WZ9% '#^'8)?$;^-#+49[5?]2O+6Z!,<-RR$PQQC;(,=*4(/?YKT%55%"JH50, M 8 %+0!P&G^#DNK;4;6?PAHVA+=6$MH;FSF$LI+C;<-1KA<9/)SP.*A\+^#Y MM+N=-BN_!OAZ.6S #ZI#-EW*K@.B>7D,3@\D8YY->BTUW2*-I)'5$4$LS' M]2:_/\ &ZFSUCPIKJ_U-CJ? DS'LB3HT6X^P9D_.1O$)\6WD6H.58Z1I,VUU M&T45[->L BLN"7B\LDD9/ .#QTKJ72*XAVNJ2QL <, P-/H X)?">K>&K[0] M0T%(-1>QTI=)N8+F8PF6-2&5U;# $,#P>QJC/X'UR2P74)!87.J2ZU ;.UU8/ M(PMY%",$BW!>=!"H$D$KC<,E>ET4 M)RK%Q0-E.U06Y `\%I(U)K/@U;*2+GPI8M-.5>FZ6U_U41P00:?\ ;F\M M8HR2=\H3[YW-C"X&! fTV+P]J_B#Q,-8U^TM=/@AL)K&*UM[@S,_FXWL[f5& M!P #U)KMZ* /-8/"WBFZ\/Z5X0U*&P72,"6 37\=PS/F10!P[Z/XB\0^*=#U+5M-L-+ATB1Y=\V9Y9V9"NU3L7:G.3GKQQ6>W MA;Q3:Z!JGA"QBL#I-I-.(M1>X(>W@F8LZ&+;\S#2)/+#<*VY2H7(X.15.R\$ZQX7&@ZAI'V;4+ M^RMYX+Z&64PBX$$^:Q1L'!#],CD>E>BDA022 !R2;2.1)8UDC=71AE64Y!'] M#0!YUJ-E2'%;8:UJHMA_M?6@0MO;R15"R"&&(&;CDC)P.DFMO2:K[!TG4]!-M*6L/4QOPS#2$'.8MJJD0!Z98J_'HM=3)%'*)$5PK(@&<$=#*]:0O!R6N:_M3K%MXOM? $VBV|M>R"R:QN;2>8P[D+AU9'VD9!SD$<@UCW'@O6;!0M7EN3:+] M^K:I:WLL4\^,-E9V\J_8;R&+4 MJ3@QR6MF98F/;#,R# ?RZ[CQ';W%WH\EO!I=E]BR,%EM+R38DB=^=+K#. <$9' MY5I"WA%PUP(8Q.RA&D"C<5'(//"}XJ2@#S2+P5KL?A/R8?L\5U;.Q'J=AI\ MET\L4$;%2(/.(S@X8\# +8JZGA_Q)6N:UJVI6]C;._:=%-A!;PSF0QMN&="U6WTZ&PT:.WGDO(+AF:? R1\B",J-IR M!DY(XXZXJQ=^#=4F\|^*|&0P?:M4OIJXM\N=NV23+I)\16MC9RL=/:RO+9KHKY)9T>%FECTS49+Q%M+<6NK37 M$%HHK1[F98GRJK\N&*D8^G%>T54M=*TZRF>;TL+6"5_O/%"JLWU(-'+>,/# M^IZKKFGW<5E;;ML,,D:Q4K*<*0V ",$<9R*N^ M N_#7AG^SKU M;9)1=3RA;8DQJKR,RA<\XP1Q73T4 $O%*^#3X$\G3_P"S.8/|5^7'?|F+YQY.W_6;>/O8 M[UZ=10!S.G:!=6?BGQ%?GRQ:W]O:Q6X#98&-'4Y';[PK'M_!^J1>"_ !VDL8/ MM.D7MK/=VTXY/-=]10!Y;8-XG.N^.;?0I/3[B*XU#RM]Q<-TAMX MQO("G>N",!@Y'OQK:=X(O](O;%;*[1(K3PX^EI<_Q"\-7]SI.FVLFE,_VV\6\;>>\9 MH73? DJ,"Q!P23SVQSHQ>#-52QLX28-T/BAI6,YS_*@R.PI?>PPXKT\&B@#EK MCPY=W/B_6-0+QK;7ND1Y*-G+!PTA)(I,.*F\$VFKZ9X8LM+UDTMHD)+"".UC> M"X,HF5%"[^5&W;.G- ='10!P*>"],?B*U_P"9#_PCWVG^U!!D[_MOE^5G'IC+ MYI;;P?A'7)K3Q2+*:)'U+4H;]!.T?G0HD8>-G493=L89'K[UZ!10!PGA#PK M>;3XLO\ 5Y-)T 2K2YLHH$M;28R$,KL27.T DY'(]JL7^BZ]H_B^]\0>'H+. M^BU**-+VRN9S"V^,$)(CA6'W3@@CM77RSPP;/-E2/>P1-[;F/0#U/M4E '# MZEI'BF]N-%\0#]^F33$6*3N(G@E0*4\TKG>_ YV@=OK@^+-,U.+PSXN\1 MZVEO:W._9PV,_K_G+#$'Q]D-+]Y1#D@?*O(R17]U-=%D1D=0R,,%6&010!Y M;X88:,XICTQH]/OKO4K&5U;35)KQK>,, A&\]2,EN,'D^M;$?7A#4T\">$] M')@^U:?=V4UQ\_R[8G!;: <A:[#?XDWE%=7DWER1>8_?2(WN(8(1,(+QAR8Q+CD M:L9YV[XZ5R'ACPWJ5CXLFU4Z79Z'926S1SV=G=F5+F8L")-NU57-!YQDIN:[MJB@##E-0TO6(/B#:Z]H]M;75K+8BPN%DG,31#S=_F#Y3NX)XX[RVWS_+ME7"[CCCWKN:*_,,?POJ#:|)> P^4WAW^S1\,/G,B? M3[O/6F7:A'4+GX8:5H4JZ?!:/&SDF(S0;#@D#.TE2,^^: [:B@#AA<&\0 M:SXQLM8URPT^VL8K'XM&M(@S,?,*9+$] 0=I&,< =3GBAX\,Z9H/@2Y30- M.L['6;_LC^]BV]S"X3:6 Z@9KT>HYH(:F/RYXDE3(;:ZAAD'(,#Z$ T <4-# M\3:WX@&K:HEGIB76CZ;J5M>&/=*ZMYH@Q7(=71AP2.X(_.G9VN!S M/HUM+M?"4>]ZD!_;6LR'4+D@8P7 V*/0! @Q784BJ$4*H 4# `-%+2 |_UG MP;JE]9^(H3!NUSROLFYR/NPHAW<<<G4 >=+X,U>[\->)?"MW':Q65]/<7%I? M),68M)+YBJT>WC!ZG/;BIM#T%))N1?W'@K0M+DM()&:JL9!)(6VD'RD\L'GG MJ>AQS7?T4 >$^#94T6T\+:L>ZNFZEY\L<-O!%JDKS0--PTBVYS&K $EPN,?-C M%>[^&=$N)BUY;GR\WVJ7%W#L;R.%VY!#Q6I9O.D'YDO+*UL1/N9))H8TW; M@<, "PYSGJ*OT>E5/& MVBSZGXZ\/VD;QQ_VU!Y.K6ZDL&@@=9LYP. ^Y,GJ'Z>GJ-1FWA-R+@PQF<*4$ MNT;@I.2,]<9'2@#)\7:7<:WX.UC2[39]HN[22&+>=<+N92!D]JS_$_AZ]U?P7 M;:3;&+ {3'+:,V!L+B.1&;G'HIKJJ9YL?FB+S%]PKN"9YQZX|*_,,E^>)?#_B M#6[K1++*PU"TU:5;@"XNC"UM,$"':%,%8M,^SW|HM MVUS-'+(85G,BR"3:V#CYI"1D=!7H5% '$:CX8U74+SQ3=;;=&U;0TLHD$I(6 M8+*""Z1=(\-C<3Q^(IM6@MKEB89XF)'EN<':2K'L<$"K]t$/",B:SK(_B> MDZ-*EN!!'9R>;]Q)SM1MJ+P6*@ $Y}[5WE% %;3GNY=+M)+^) (KUH4.XCC.5 M20J-P!] B@#R.#X>>*;?PJTHNK1O$ M]M=PM9S;R$\F"R%4&02C2,?$)K*X\Q69C^RZ%YBS8G!8&W;,$#N2 MQR?K78T4 >? Z_P"#=4U*QRL!@SK<5NEIN?"*1A6W<<<<_6KMUI7B'1O%U_K. MB6=EJ$,J6\,<\-Q&WV2Z1! M;OY+"G*IL^ >=OS#&>;F\%Z-=:.#X=%C>>7YWVJYE_=MD;7F=U_1A7044 >, M^%M)\2>)?A?I6@&WL(\'N'5Y+X3MYBPK,7*>7M^^2N,JL8/K7HVBZ-=6'BOQ M+J4WE^1J,MN\&ULG"0A&R.W(K9@6UM@MG;K#$$7<(8P%VJ3UVCH,YJ>@#S-/ M"OBJV\ (W7@BW@T\Z9,988J4;X;>EO(Y)\BV\N Q^;'0U;\8^:,[5KS3O{'F MBAMY+4;7Z?,0S6F]&^7'5/@%G-HD^FL%. MA5G=",#TV@USB>&-& -QHWAS0[JVTN.UT2]M)'NDN&9KF.%UP53:-AVC)R3DC M ZYKTVB@#S*X\!RVFO:Q<+@PKHFO0:C=-=QSWDPCD@9@-R-F-LKD$C'J>*N^+ MO#&!:M:P65AH.EK)#;K'9:E'>- !)IXQ\H5,E1P0 ><8(%>@44 1P(\=O$DD MADD5 &\A,8D89"\CF@#'MO% M&MV?B#2]/U[2K2TMM5606KP7)D>%T3?LERH&2H/*DC(QSUK,;Q]K7_'/MXM3 M1K0^&E? =@W#?:CJOV^,%VI?]K;G,..]:5MX0R\\0Z9?^(-3LKFWTD2?9DMH& MC:W9M79YDN20'"%)X7C)S[5F+X"UP>'?\ A$3]E_PC>[;O\AQM?D;]WE9W;?] MG=CIVH GBU3Q-)\6+FPB-B^EC3X)O+:.X<8C:5P9 -F/;,";=, 2Y*S2*9SN\M0I'R@_Q$9Y_'MKGP_J47CB'7M-N;.M-;>2SCLKJ">-B?+21G!C((YPQ'//2J4O@FXD\$^(M!%Y$)=5N;J=)=IVQB5R MP!'?&: .Q:0" RKR-NX>_%>=+V7Q!UV30-)\2WNAV<&B7DD,4NVZ+3Q^8P02; M=NW9N(XSG'/M7H#H4L63]5CQ^E>5^^#?#&OZ[\\ PW87^I6@T)1!=/&+=EN& M",'6(G.W;N ^;&<<#\; +-OJFOZ9XD\=W&CZ99W,-M=I<3-.E/H]EX=L8);S4=/&!LUY*4CMX#MQNV@EF);]#5VV\. MS02**G-PA&M2;X*'W?IE8^??E#-6TD:#>2-?V8U+3M*32[A;J-C#<1 MJ%.1M(*B,I(ZI: {(CX@7MGX=U2XN=)3^U]+OX;&XAM(YLI(9'0*R,0."K@C(-M'/6K5OXOU+3]8O++Q+86EJ(M-?5(Y;.=I0(D(#HVY5^89'(X-02> [NYT+4(MKK4(9-5U+48+^ZG6(K&/+>,B- %R3@+'@9.>\,:]HYL,2XD MT*;RLU$8N$LV6XE11A<_-M5NF3SWXK8UWP],ZGX=U?3K2*WM[^SEMO.$0&" MZD9.,2,G-'- :1XGUO31X;@UC2;6#3=45+6WDAN2\4GE[D$@V@?,%/W2<>[M3:IXTU31-9M8K^#1A:7%[\':""*^+?:*[[5B*0:,<@D#H#U-.M/",NSWVB)K6 M]V5QIVBN)K=8+=DEGD"%$,F20-H) ^[U/ITK*3X;:HD,-E]LTHVT&]+]'VHVK M&ZGQ-YFV1\XSC(R,YP.E &[:^*M0U#QC?:/;PZ,"%83I%+%[_P"):A:,\D#ORX!4C2,Q.UW=EHR02I^T29&1Z5/?>&]; MMO$!QK/A^_L8&OK:.WO(!N!G4&/=LD3:PY 8C:>/>M#P=H$WACPW%[<]T+J2 M.::0S!=N_?*S\CU^:.@#%\7>.M5\+&ZO9(-&-A;8:R)+XK=3IQN9$VX!&3@9. M<=]LZGXEUMO%LGA[1-.LYY%L((W[3=SM&B\(=<$*R)/RC&/4YZ.]=;;:!+'$USUPSH8I--BLA M%@Y!1W8MB27^8?E0!@Q^/KN^'T'0Y+#2XSK6K7.MJEK-.1"\!2S69@.E1L)X& M3D5'X-FU^;XB>+CJMK#;7:V]BK+!+YD; "7#*2 -'{TR(U!4\!ZC9:5I36&H M6RZMI>H7-Y!)+&QB=9FN;F31U.K66JQ:9(=7DO-7T#7+*'TM[G^RGOH)+.!$;/E" MK;H!V X]CFLOPI<6T[B<:'ITMG([>LR1KN'H M/W9 ,@#&T[X@Z[!=G;Q(9%9Q12,AD6,*S1)L7,.2JY.!Z#)Q7 MG.G?#?5+2/1[+]O2OLVEZ@EX+B.U87-UAB?WC$\'!:.<9R<=* +MYXT\1%_$< MNFZ)92VF@SNLTD]TR-.JQJY5 %.&P3R>.G7G%^X\77VH:AI^F^'+*WFNKK3U MU*22]E9(X86.$!V@EF)SQVP:GA*S16'BRW-S&3KD\LL9VG]T'A6, ^N"N:I M#PAJ^EW6DZEHEJ9"_M=+(TRYCNXV,4Z)RK]O%-ZY'H @F^(+(Y]X>N+F31 MU.]V>K1Z7.6,59"2H(88[#!R*=_P (`FPK/%]EH]!) M(6P88 HVG'J6=5_.N8MOB-XBET'1]??PY;MI^I3):QPQWG[\RN2J-RNT(6&. M3G!S[5+\!+-#%!)K>HB1Y;474EAIA=<;+2.1R/;>[#Z**TK;P-*

"_#FA&\MB,NDWMO*

\]T77H/$UC;03:59+[:RE:1)8FW# W M$,&0CT.>U$?BOQ!876CR;_I%E;V&K3I,1FVN6>6VE<$HL@*@',,$KT-6M8\% M)K>L;U<75P!:;GI*; <40?.A#NV_/3^,8^E5H?"_B'4+G1T\0ZG8366DSI<1B MT@=)+F5 0C2%F(7&_1+B[A2/><2^2,@D]LU!>> M,M1;O!:;/HOIL<\UC'>#^T\EHO/+DCRXL*10&0'.W.2.N,@$5XYP;M^)O",L;]I*Z*)M';3S;I%YMQ; M.T]NX&"\9#8SQD=,'UH Z^^N#;.?5QD^ MM"6NOAYI?AQ[Q$N].BMC#JDK@CT-%33?'LTM_?Z==G2.M8;FY@TYJ0AETR(\Z)E0X9&R,]P)7Z@L5%9.=3 M^R:\[^I:.+6^CZQ+!-ACN2 M\\32CY'8:=NTG'..0"_]Q6=.=.UJWT76)-2CT5%-A*B+!UZLZS;3R68]/IG'X MU@-^%_#.O:QX8\(QZIJ5FVCV4=K?)'';LL\C(@:,.-SG;M4D<@9.T=,: -:?Q= MK]V-8O=#TBRN--TF:2"3[1+8&QM_LV^-,B0^2K(Y!C!3!)P-V<>V:I:IXKETWPCX M931-"B)U2]N+:.U:Z;,&0TIW%VR<93)ZX!. >!72PZ#]ECXYOM9M+]T-AJ4< M*W<,L;>:IB5E&P@XYW#.?2L[3/ US86'A>V:]BSW,A"G]X)!+@#T(\P? ME0 P^,[!3--\2G6=-@&H:& (F9+28F*=91^[(9@"O.0E8GCS0;FUTOQ;[:.TB:LMC$$BC+&% M8WP[. #N3#9(Y4$=\U%X"FBL?$ITW1GTK4M.GMVENKW3]/:W\AU("*S%F#9 M!;"\$8/:@#KO$?B"[fTV_TS2- +M(KG5-2.3RA/(4BC2, NiD=GC*@ #DFL*\ M?7 ^DZ5XC&[:9 9AQ'%,T<$Q.*XCD/RLI('1@01U^7FMKQ+X?OM1+2M9TB M[@M@]3TTR",7,9>*6.0 .C8(IZ*01T(KD&/AV_M/ GC#5]4N8KG5=1MXD9;6 M,K"%/&P"H(@))/WF))ZD!\B@#H$\3^(,77K'3=6TBQMSJL4QL#%=,_ERHF_RY-MOEQR.ZYZ'KUKFM/UG6[GX8>)+WQ%,6=_9P_;1L6ZD$DA25@4)"C"#& 0&M=NO$NFZIX@U.RN(!)606BVL#1M*[KL,DF20#MSPO&2?I5$>"=7'AG MQ%X<^WV1T_4/M+6DGE.)8VFWLH[MFYEO9G6.%7R$0;069CM)} !WJC)\0KP>`[6ZBT8/],:Q_8[Q9&< ),-P.U\<MCA3G'0U>N_#6LV6Q_P!M>`]VQ2>>SCM+N"]B=HY/+5I=2!!:&XC'0CTJO%X# MFBTS3HFU!);R/6UUF[G,>T329)8*N3M'(`YZ"@#\4\9ZKIQ\06NM:5;_ $JQ M&H1I83,Z7$9W<@Q45QH&H#Q3].N6-W;QS7&G16D*S1%PKI((98 C(,_'!S4'A?PO=Z3K> MJ;Q>M8137Z1HUMIT31PY3<=[9/S,=W7 X'>@"'"5G_M#XI>']-?F&QLKC4BIZ M-)E84/X!W_JNI?$&73/#5]?R:<)+ ^SU)[%[5'/S,"6+ XS_*H%ZN:Y#)8? M$7PIK(1C;W$, ^F3L!G86Q)&3[%HR, ^!%<[+<>%9O',VMR>(K1K":(EI,JW,Y MC,1?..8\LD5Z.74[=1RI#R2UTOK;HW_0B;:V.BUGQC<6DNI?V991WD5AIB M:A(Y6FH>)+[.EN2J-)M89A2,1HAX['OZFL.&ST2W*SV*>,:?A MG;$21((T0C'!S_OM)\VRC MCL=5ENH[:8.2?W1^0D8_C56/X53M?B*;WP]JU_#8K]JMKU;6TMV<_P"D"1E$ M+YQT;=G\#69K=YX8O/!UAHVE^)+6TN=,,+6EPRL0K(-I) '=2P_&]JCPI#XB MT:\M_$E]FGV,$*36VQLS20[ZQ/G'>>3^ HCA,/).3IM;V5I='?| \F34?5= MYGW/2-=UB'0-!O-5N59X[6(R%$ZL>P'U.!^-8[^(-:T?2,W5?$6G6<-1;&< M? 9+4G=6XQ&P91DG/4"%8NK^(-!UZTUO3;_Q-9_V=>O)':K'$P>!@/F8G^+Y ML$?2JDNO6>MZ->Z5XB\5:2!M/:F &S@D5B_&\&+$\C'W1QSUKFIHX&T%[2#>:] MOI*]M-M-] [_Y%.79G0Q^((H!+O2YI3^U23)87-@S M7.'E/68$?-M/W!O3CI?=2R^$M73UT6TK-MOOMI:IV774ES\STB\\4:\^K:[9 MZ5I-G*FD%&>6XN"GFAHEDYJ^;D\G Z>O#+KQ\DBZ1%8? 88)11L1?E!2N?* MCAC.,#(&68DD8'H352UU[PW!]7B.Z/B"T(U9D**%,,>V$!!\<C-8D<^AV$. MB7%CXATB6^L-.73YDNX7;&9!@@C"*D$''!YZUC3PE)V4]3T2Z2U?+K?\ [>_J MPW}]SIHO'COH$>LM9PM:VU\UGJ;0S>8L(!QYI,!ZC:MI=IU_X@TF.U-QYM]%9P/< M8Y6(9SP2!N/<#'>C3=?T!1=(;3-\5V @BNPU[9HG+3ZT8EU<&)4\3M"G& 1R>YILOB'7-0U/4;70=-LI8]-98YWN[AD\R4]&,;;5/0$FTC.0!P>XIK.[::JFI7&A>*M)2'4G66 M9;N'1C%+M*ETVX:R #@]Q51P2Z4^BM=2WTO?\;?\,'-YFV?"%U?6_AQ]'TQ) MI=;28A+B;8(&C W;B <@'=G R<<=;JGQIXD^P,O.-#L=^ANXOB;M@LNU=Y$/ MRY^X0?FQU_Y14,"[*.9-X9%MXCMV@T.,=?WIVZ9I%P6Z+[\Z MEX:L=.LV99=?DCMHR/O+$XW2- ^$8;!Q67&VK67Q!U^VT"PLY-MC9#-S,8XXU M42!5 4$DGMV*@#GM5'2_$N@_\)?:276JP_9-&TV.UM7(8++,X'F.O'945?O-: MMEXD\-6OBK5M7;7[5H[Z&WB6.!LJ8[^2>.^\? E25&I0IRI*FVN6^SU;E%].T M4OG<++IN]RS'XVGU'2!!.EZ>C:EK*NR13RE8X!'_K"S $J X P.<[JJZOXGUO M_A'?%%DUO;6FM:7;&9I(IV,,1,C$21G;6< IX(ZCK6%,7&C,;I>@M8>*=/&J M:/YRJTL3F&9)22RL!@C^'!'<5,BU#0+[T\0Z:MXFLGU#6K,[*I6\;B.",(RJ M%!Y/WB23U)[5?U2E"7-&FVD^TK_\^7)^/F+F;ZE^_FU.XL?!4NJK;BX? 5X6! M@D9PRF!\$E@/FSG(_6I!XD31=+UV!L=)#2IK_P!E>(3G,[N8U+Y;A2=W3@<5 MFIK>F75AH,6H^)-*.VE7J3[K>.0++)&D;(!S_!$MGTJ*.[\/2V&H6P\2V0-U MK;.FIV/JAXVVGCK\A_.FJ%I1G!VOLE*UN;_Y\?L=1;+>$2G^P:\,+]5'G7GD:(3^ZW0+%SZ\KGB@!^K>(-22PL-MKW3!%$-I2UTM-.:/4+=I4C*G/FQ@$?,>A!QD M&/MD/DW!N-T>%\R^T^Q- ':>'==DUY]5E6! M8[.UOGM+>0-DS>7@.WTW[@/]VL/Q?XPU7POJO&@T8V%LH<0S7Y6ZN5XW%%V MX!ZX&3G':NA\,.,OA[PSIVE*VYK.$:+(_]^0\NWXL2?QKC=;^'6IZB_B.&VN] M*\C6G,AN;JU:2YAR@7RU;.-GR\'MD\&@"S>:D:+#XDZJ[:027 @\+)<:+%&/FD MVS2MM'N<8[S8>-[A:/!]XGU.;9+816XGC_LVY:5MQ_Y9-E1ALE1GU)X&*T&\ M.7T7B2? 6;2\@CE;2$(L:/(&5^8<9!K$_P"%=SZH=?DU>:QM7U:S6M6U:/2K61+XBTJQM[75I?\+\VERTC6\.MQ4LJ2!F .0I&5[BM3QCX@E\+^&IM6AM/MIZ3/XDU'3YK;2I?M$4=G Z-/,%*]IEB<8#$X'<|>U;_BS0Y/$>@/IT4R0N MT\$N]P2.1RI(1^(7% %*?4_%%KHR3W=IH5K=-*=[37SB&&/ (R=F6;.1@8'&.M<]JY^X\6PZ[X16ZO].MIY+;7H+"1+>Z8Q&03(!*CK@E<,& /T-;_ (I\;W>M M:CH^H6;V3R:<\K?9;^(O#+O4+N(\1EQP?I=07.5NPNU56W>6&W8 /0GN.U5[? P=K&D7-]#I,FB2 M6%U=27*&_LV>6W,AW,HVL ZY)(SCKCF@#N(I$FB26,Y1U#*?4>=!@44 %% M%% !1110 4444 %%%% !1110 4444 %%%% !1110 445RWQ'-\GP\UV2PNEM M18[.5VI/JT1@D:!HHU!MY,;QN&LV>3CK6@_C35?#MM MXLLBUUQ[/HEO#>>`-!EJ5QXFT7W3K MB^M-4BOXY/--K82P?8Y3>\NM=\XWUNZ\;>#=#2U>2-BV1601 M9!E3E@.?SH Z"BO/IM5\;VWBBTT&2ZT5I-2M9+A)UML6?EE0ZI=_P"]^\N" M2O.3[5/8>*-3G\)ZC-?:AI.GWVG:C+183WL\;>0=C ;U3<@D@C"[NOY4 =U17-ME4GBG5]:*^- [""5;.>;2[,2QZA#:/&)8WB=BNPOE7&Q@&!QR#BH]97Q3'X'M\)2'7+3S)=0L0'6S<'#F/8&_>_-@[BW](^[CD]9HKSS7?%^HZ;KUMX=DU: MRL[F.Q%U=7[:?)*9F^JB1*WR_=))+'MBH3XX\0W>@:;!)8VUFFI:A]DFG2-/-M&ZPL%63$]@-D-M.U6P>>HSWH))H]KIT=[#!\,>HW$5Q=J,22Q1&-7,>H7)QQ MCN:\\UCX@:UIOAS5UBMK>;7K+5GLHX=A"R1+3,'VYSS"#WZB@#TJ66.")Y99 M%C212SNYP%`ZDGI*5'22-9(V5D8 JRG(((<&N"U?Q09)[,6NK90VESI5IX<-] M0X]XDEE5FC1AG!78D)'?<*S97U^Y\:>$O[/U*RLH)]&DD2W^QLT: "'<-HD M /4,>FT>M 'I,%]:W4]S>!!<1R2VSB.=%;)C8@, ?0X(/XU8KRN*3Q)!XC\>W M6B7.GV\5K7Y?VRUBN-*

\]T77H/$UC;03:59+[:RE:1)8FW# W M$,&0CT.>U$?BOQ!876CR;_I%E;V&K3I,1FVN6>6VE<$HL@*@',,$KT-6M8\% M)K>L;U<75P!:;GI*; <40?.A#NV_/3^,8^E5H?"_B'4+G1T\0ZG8366DSI<1B MT@=)+F5 0C2%F(7&_1+B[A2/><2^2,@D]LU!>> M,M1;O!:;/HOIL<\UC'>#^T\EHO/+DCRXL*10&0'.W.2.N,@$5XYP;M^)O",L;]I*Z*)M';3S;I%YMQ; M.T]NX&"\9#8SQD=,'UH Z^^N#;.?5QD^ MM"6NOAYI?AQ[Q$N].BMC#JDK@CT-%33?'LTM_?Z==G2.M8;FY@TYJ0AETR(\Z)E0X9&R,]P)7Z@L5%9.=3 M^R:\[^I:.+6^CZQ+!-ACN2 M\\32CY'8:=NTG'..0"_]Q6=.=.UJWT76)-2CT5%-A*B+!UZLZS;3R68]/IG'X MU@-^%_#.O:QX8\(QZIJ5FVCV4=K?)'';LL\C(@:,.-SG;M4D<@9.T=,: -:?Q= MK]V-8O=#TBRN--TF:2"3[1+8&QM_LV^-,B0^2K(Y!C!3!)P-V<>V:I:IXKETWPCX M931-"B)U2]N+:.U:Z;,&0TIW%VR<93)ZX!. >!72PZ#]ECXYOM9M+]T-AJ4< M*W<,L;>:IB5E&P@XYW#.?2L[3/ US86'A>V:]BSW,A"G]X)!+@#T(\P? ME0 P^,[!3--\2G6=-@&H:& (F9+28F*=91^[(9@"O.0E8GCS0;FUTOQ;[:.TB:LMC$$BC+&% M8WP[. #N3#9(Y4$=\U%X"FBL?$ITW1GTK4M.GMVENKW3]/:W\AU("*S%F#9 M!;"\$8/:@#KO$?B"[fTV_TS2- +M(KG5-2.3RA/(4BC2, NiD=GC*@ #DFL*\ M?7 ^DZ5XC&[:9 9AQ'%,T<$Q.*XCD/RLI('1@01U^7FMKQ+X?OM1+2M9TB M[@M@]3TTR",7,9>*6.0 .C8(IZ*01T(KD&/AV_M/ GC#5]4N8KG5=1MXD9;6 M,K"%/&P"H(@))/WF))ZD!\B@#H$\3^(,77K'3=6TBQMSJL4QL#%=,_ERHF_RY-MOEQR.ZYZ'KUKFM/UG6[GX8>)+WQ%,6=_9P_;1L6ZD$DA25@4)"C"#& 0&M=NO$NFZIX@U.RN(!)606BVL#1M*[KL,DF20#MSPO&2?I5$>"=7'AG MQ%X<^WV1T_4/M+6DGE.)8VFWLH[MFYEO9G6.%7R$0;069CM)} !WJC)\0KP>`[6ZBT8/],:Q_8[Q9&< ),-P.U\<MCA3G'0U>N_#6LV6Q_P!M>`]VQ2>>SCM+N"]B=HY/+5I=2!!:&XC'0CTJO%X# MFBTS3HFU!);R/6UUF[G,>T329)8*N3M'(`YZ"@#\4\9ZKIQ\06NM:5;_ $JQ M&H1I83,Z7$9W<@Q45QH&H#Q3].N6-W;QS7&G16D*S1%PKI((98 C(,_'!S4'A?PO=Z3K> MJ;Q>M8137Z1HUMIT31PY3<=[9/S,=W7 X'>@"'"5G_M#XI>']-?F&QLKC4BIZ M-)E84/X!W_JNI?$&73/#5]?R:<)+ ^SU)[%[5'/S,"6+ XS_*H%ZN:Y#)8? M$7PIK(1C;W$, ^F3L!G86Q)&3[%HR, ^!%<[+<>%9O',VMR>(K1K":(EI,JW,Y MC,1?..8\LD5Z.74[=1RI#R2UTOK;HW_0B;:V.BUGQC<6DNI?V991WD5AIB M:A(Y6FH>)+[.EN2J-)M89A2,1HAX['OZFL.&ST2W*SV*>,:?A MG;$21((T0C'!S_OM)\VRC MCL=5ENH[:8.2?W1^0D8_C56/X53M?B*;WP]JU_#8K]JMKU;6TMV<_P"D"1E$ M+YQT;=G\#69K=YX8O/!UAHVE^)+6TN=,,+6EPRL0K(-I) '=2P_&]JCPI#XB MT:\M_$E]FGV,$*36VQLS20[ZQ/G'>>3^ HCA,/).3IM;V5I='?| \F34?5= MYGW/2-=UB'0-!O-5N59X[6(R%$ZL>P'U.!^-8[^(-:T?2,W5?$6G6<-1;&< M? 9+4G=6XQ&P91DG/4"%8NK^(-!UZTUO3;_Q-9_V=>O)':K'$P>!@/F8G^+Y ML$?2JDNO6>MZ->Z5XB\5:2!M/:F &S@D5B_&\&+$\C'W1QSUKFIHX&T%[2#>:] MOI*]M-M-] [_Y%.79G0Q^((H!+O2YI3^U23)87-@S M7.'E/68$?-M/W!O3CI?=2R^$M73UT6TK-MOOMI:IV774ES\STB\\4:\^K:[9 MZ5I-G*FD%&>6XN"GFAHEDYJ^;D\G Z>O#+KQ\DBZ1%8? 88)11L1?E!2N?* MCAC.,#(&68DD8'H352UU[PW!]7B.Z/B"T(U9D**%,,>V$!!\<C-8D<^AV$. MB7%CXATB6^L-.73YDNX7;&9!@@C"*D$''!YZUC3PE)V4]3T2Z2U?+K?\ [>_J MPW}]SIHO'COH$>LM9PM:VU\UGJ;0S>8L(!QYI,!ZC:MI=IU_X@TF.U-QYM]%9P/< M8Y6(9SP2!N/<#'>C3=?T!1=(;3-\5V @BNPU[9HG+3ZT8EU<&)4\3M"G& 1R>YILOB'7-0U/4;70=-LI8]-98YWN[AD\R4]&,;;5/0$FTC.0!P>XIK.[::JFI7&A>*M)2'4G66 M9;N'1C%+M*ETVX:R #@]Q51P2Z4^BM=2WTO?\;?\,'-YFV?"%U?6_AQ]'TQ) MI=;28A+B;8(&C W;B <@'=G R<<=;JGQIXD^P,O.-#L=^ANXOB;M@LNU=Y$/ MRY^X0?FQU_Y14,"[*.9-X9%MXCMV@T.,=?WIVZ9I%P6Z+[\Z MEX:L=.LV99=?DCMHR/O+$XW2- ^$8;!Q67&VK67Q!U^VT"PLY-MC9#-S,8XXU M42!5 4$DGMV*@#GM5'2_$N@_\)?:276JP_9-&TV.UM7(8++,X'F.O'945?O-: MMEXD\-6OBK5M7;7[5H[Z&WB6.!LJ8[^2>.^\? E25&I0IRI*FVN6^SU;E%].T M4OG<++IN]RS'XVGU'2!!.EZ>C:EK*NR13RE8X!'_K"S $J X P.<[JJZOXGUO M_A'?%%DUO;6FM:7;&9I(IV,,1,C$21G;6< IX(ZCK6%,7&C,;I>@M8>*=/&J M:/YRJTL3F&9)22RL!@C^'!'<5,BU#0+[T\0Z:MXFLGU#6K,[*I6\;B.",(RJ M%!Y/WB23U)[5?U2E"7-&FVD^TK_\^7)^/F+F;ZE^_FU.XL?!4NJK;BX? 5X6! M@D9PRF!\$E@/FSG(_6I!XD31=+UV!L=)#2IK_P!E>(3G,[N8U+Y;A2=W3@<5 MFIK>F75AH,6H^)-*.VE7J3[K>.0++)&D;(!S_!$MGTJ*.[\/2V&H6P\2V0-U MK;.FIV/JAXVVGCK\A_.FJ%I1G!VOLE*UN;_Y\?L=1;+>$2G^P:\,+]5'G7GD:(3^ZW0+%SZ\KGB@!^K>(-22PL-MKW3!%$-I2UTM-.:/4+=I4C*G/FQ@$?,>A!QD M&/MD/DW!N-T>%\R^T^Q- ':>'==DUY]5E6! M8[.UOGM+>0-DS>7@.WTW[@/]VL/Q?XPU7POJO&@T8V%LH<0S7Y6ZN5XW%%V MX!ZX&3G':NA\,.,OA[PSIVE*VYK.$:+(_]^0\NWXL2?QKC=;^'6IZB_B.&VN] M*\C6G,AN;JU:2YAR@7RU;.-GR\'MD\&@"S>:D:+#XDZJ[:027 @\+)<:+%&/FD MVS2MM'N<8[S8>-[A:/!]XGU.;9+816XGC_LVY:5MQ_Y9-E1ALE1GU)X&*T&\ M.7T7B2? 6;2\@CE;2$(L:/(&5^8<9!K$_P"%=SZH=?DU>:QM7U:S6M6U:/2K61+XBTJQM[75I?

*MF<[=ZAL?K0!H57LKZUU*T2ZLKB.XMW)"R1ME202#S[$$?A7#- OB!_BGXH23 M5K9K*[*SP&U;)1D_M(fRWM'N8A<7*L\,98;I%7&X@=P,C\ZX30-)T_P 6 M>+/%.I:[9P7[V5^=.M8+J,2)!$B*#M,\,I:606VU M 1^>K/''K&)F(4$$]3A<@#/H,4 >E4R66."%YII$CB12SNYP% ZDD]!7$V'B M;5FT#75U'4-)\[_2+\V)/%\C>+)K";2HK?MP^Y($MN[M<[85D*'#C8.3\W/4# QD@'I%%<%I_B7Q&NL^&Y=2.GG3_$"OLMH M(V#VA$1E3,A/SY (/RKST]GK7C>_T?6DVZ[HUXG]HQVDNFV|LY>,-Y G,N\C MS ""00!U% 'I-%<'=ZSXLU#Q0\XDTW2+C3+6WT@0NDEQ;O*\K/$'V$!@ ,YRW M2Z=<ZZ;PQK!\0>%M+U=HA$]Y;),T8.0K$9('MF@#6]CJNL;=G\KU2^<0J-f2]M<$$DSA06/0#/4]>*Y&19(I%#HZG(92,@@^E17M]:Z;92WE[/';VT^[I)9&P[CU)ITZ7#6 M4B6\L<=R8R(Y&CW*KXX)7(R,]LCZUXRG]LR? 77KC4=2ANH&2Y6)! RR*PN7 M!)N ?Y'FIYVW?Y>X;MO3./2GUX?+X@TT>*E\>#5K3SAK'}GFV^T+O M_L_'D[MF< ZS]YTZ'- 'N%%<_ #K5U)\0;O0R(_LD6F17;D*=^]I'4\YZ84=[MYFW\::WJ6E:-;68LXM6U;4KNU6:2)FCAB@>3+!=P+-M0 #(!)H FM4L$FNH M7O%(DM$62X5I /*5L]2WH@!?2K2L&4,I!4C((!%>133ZGIUW\2H7333KZZMMJ*MF_U!\F=0DQ7=&2<9(C)^M:LG|OS?%#2DLM3M+:U?1&E6 VC,BH)(@RX$ M@&XD\-V'&#UH]}I:KVU2Z6U.YA6X896(R .?H.M0:W>2;=H.HWT*AI,:UEF M13W*]2!^E<9X,\$^'M2\$Z9>ZGIUO?W^H6\=Y'QAK MGB*^\/V^A_8K./5M)>^EDNHVE,!#(#M *[OO$0)'7/;! /0Z*\[?OEXQA\+Z MEKTOTA8M#NY+6Z@2%R;SRY-CLK;OW?!X&&Y!SQQ70ZGJWB6||<7/A_1KC3[2 M"+3HKLW-S TK*S/(NT*& .=HYSQ@\'/ !VE1I<02S2PQS1O+%CS$5@63(R,C MMD5YG9>-/%Q6<]E'$Y;\R@ Y&>202:-X;#"#29W5A.9YYK;25(5 MA.UBL8PQW\&W)X!YS?5 $WKT&HQ7ACF>RN/*2\A@>&,Y0]&#'6Y\&2",D M9% '4TV21(HVDD=4C0%F9C@#'!U)-8UU%;L%N;>2)S@)O^'1_E M89R1!{4 >BZ3K6F:[:M=:5?07D"N8VD@<, P ,,CV(XU?K&*P7MMX;L8[ZX MMYY1"FUH(#$H3:-HVEFY [Y_ 5B/JOB37M?UFRT&ZT^QMM)=('!U:-,UQ,4# MD<.NQ0&49Y/6@#M**X/1_'%[K#^#7%O#"NL&[2{CY8H*L#L.>F]3USQ4>N^ M-=4TRU\;2P16[MHDUJE]K*?F$B1LVIGGESCI0!Z!4$]I:VS*MQ!9O# \0+ M_83$6Q6$[#Y_W_WI JN,>: ;=Z1X*TW1],6--7NM7F ML!;?:4TW!GV:0HPR"P1,8P0#DYT^YF&G'4+2}2%H$P& MV,LB[FQ@E3D'IF@#LZ* [T+QG>3^,=/TF36]+UFWOX9G\RRM6A$##Q@'ABI!U M0]^*CTKQ?XB/A/4O%VIFP_LVTCNA'9PO,))FC=E5BY,'Y*XQ@^N>U 'H%Q? M6MK-;PW%Q'%))_^$D\#S:[=:=/!?F3;;P M-$T$AMY/DY9MZX)YX/'3GCN_$^N)X:\,.CK,D1E%G T@C!QO/89]9.*-:LX M:]I)ULZ*-1MC]87>,42#S ,9Z?3GZ@3W$-M'YD\T<29QND8*_ 4TL,T5Q&)(94D0I&1@1^8KBOB3;07B^M%+:Z@CG@E\06ZR12]&5QLEX(/!%5-0TFO\)_$#PS-H-M'8QZK+-.VJ3]M+,LBF M41%U?8. RE>H&<&@#OX+P^YEC,O~'@8KNC8,@X(R.X%25Y?!XGU6S*:8 M^BV&EP75]XAGT_R_**0@>9,-Y"G.VAM5UB]U2338[F2% MU@*{IO%1^,X_%UM8:$DNM:?YIURVB6:&S=/,#,-A=?,X .[M*@D,,,9*L3EC@ M5D3^./$$>AM'';V#ZW;Z\FC2Y#"""4M@]X&03\S-@[>,5W5H[R64#R2Q2NT:E(? MN.<3P>W)H ;;WUK=3W,-O<1R2VSB.=%;)C8@, ?0X(/XU8KR^Q'B8^)O' M,FA7.G6Z0WR2?Z5TIF<6\>$X9=BX'WN3STXVU=$\=37^HZ-+>1PV^E:QI\O M(&P2$E@WG1H_RN2!MX(Q0!WRLK]&4@J1D$'@BEK'*MWNCZAX.LKC046/3&0B&-4V>7@D%=O8@@C'M3O%&I3Z/X3UC4]8(;BSLIIXPX MRNY4+#(],B@#6HKSAM?\;1:CH%NTFBL?$$3^4GDR 63*@DR3N_>_+NX^7G'(M%;&F^(17.E>(]?4K[2H+_1KH0& FC;.W*.]*.'9-V0=Ks8W8R!S0!VKND4,22 M.[(H+,S' '4DU774[%[JWMENX6FN(C-"BN"9(QC++ZCYA5[UY_IWC&ZO7\1 MZ7<7NGZS%;2]V*XCM4B1\AU:-T9B&'RCD'D&G:-/]I+D[M%-?)GR#A1V SP*/2]2*%KXL/]$?TU?VI;,3[M;9XPK2-1)9DW 84AAM.2.>>1 MCFG:EJOB*SO=&\.17FGRZO['GRR7QM&6*&&/&2(MY)8[E ^;'4T =G02 ,G@ M5R_AG6M4GUS6= UEK::\TT0R)=6\9C6>*4$]2A)VL"I!YQT]+XD:L-,\'S0+ MV?:@#]HHHYXEEAD22-NCHP(/XBGUYKX"U" MPT=O$OAO2KRWNK336-I[I13"1?)D7<4R#_#(&[_WA6BOB[4CX,\(:L5M_M.K MW5E#>*UMY;B>18X8D+R.QP%4#))/IBHX,^TN#"(, MJ%S-$)H@K@EX^/F[CD<^]>=:[K'B37]$\07&G2Z=!I6G?:K'[--"S27&R,B M5O,#83DG:-IZ'-/M(K&.YD*>;%>2V_F21L#$H&<@E/FR5R,D= M: /1J1F5%+,0J@9))P *X7X3_P!L2>"]6XU+48KJ&3S/40LLB$2N#N MW 0[YXH)!#*&4@@C((|TM><2#7Y?BMI M\=GJEI;VK:+YJP-,,RK&)(PRX$@&XG.&QP,,'K3?#=UKECXE\9WFHZK;SV%A M<[YX5M6#,!;HPVR(,9&#D@GC/ !Z317EFC?$/5+RXT2Z>ZL[J/5)XXY=- MM[&97MD^ZWGX?;D;N .N*AO?B7]+#4]1L;NS$=C=20PZ4UC+)))=)&VUCYH M.%9L':,$#C- 'K-%-BD$L22 $\#, ,$9];=0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !5+6-,AUK1,[2IAF6&\@>2\HWRLK]&4@J1D$'@BEK'\[+ETF\6VCE%NL>]5C:, (0#_M$YJ6^\&6.IWNOS7DLDD.M6D-K M+$!CRQ'OPRGU^?/MBK5IXP\-W^]'3+37=.GO02/(CN%+$CJ_\GZ5>TO5K/6 M:,W=A*981+)"6*E?F1BC#!'8@T 9NCZ-KEA<1?;_!+)?VT2%5B-G'&S\8!= MQDDCVVU9\3Z$GB7PY>:/).T"72A3(]FBN&!Z?A6M55]2LH]4BTU[F-,V:-I8 MX2?F9%(!(]AD4 4[G0DN;%-AKAG97L[:.W$6WAA(4.<^VS]:Q+GP#'-8W$4. MI2PW++;T=9@FI)6S4O92IX9>OI78T4 DEGLYX9K*&V13"8BI0%N;[" MB@#E;KPGJ$FH6NKVFO/;:REK]DN+C[*CQW,>[<-T>1@#DQ/(/<]:LS^&IKT:) M)?ZK)B?#RUT3PGK.@QW\TPU-'B:XD4;HXS$(D4#N$4 "MK5IX/FDGT*ZT_5Y+*[TFW:U$OD+)8V"A@5/0_("#V!ZZFB@#!M_#,<$WB*0 M7+G^VGWN-H_=?NECX]?NJ_HFF+HN@Z?I22F5;*VCMQ(1@L$4+G'.I5^B@#G ME\-3V_C&XUZSU1X8KR.-+RT,*N)3&&"$,>5^]SCKBJ8\#0#P{OA,[=)Y2S"; MS_+&[BX\[&,^O%=;10!R\WX5O4UZ\U;1-,:?39++)\KB:V6=)&0;5< D%6VX' M4@X'%=%:Q206D,4UP\O*B\?F=0ID(\+$ #/?@8K*A\8^&KC5OI*AUW3I+_ = ML^SK<=6+?W0,\GVZUMT #KH:]=:SH.NSZ1<7H47D8@2>*8J,*^UONMCC M(//15FW\+-'JNC:C<:KGO4?_")Q?9_$\/VM\:\SLYV#]SNA$?'K]W-=%36=$ +LJ@D 9.,D]!0!@MX M5B9O#1^U/_Q(ON?(/WO[DQ<^G7-89^'$WV3^S4\03KJ*7XOXK46R;@_G>:59 M^K+G..AZ\.:?H\ID/=PK;I*^X4+OC+?<8@#/7IG%6(?!=C:?\(TEG(\,&@L MYAC(W&3=&T9W'U^8MGUKH9YX;6WDGN)8X88U+/)P55 ZDD!63I/B_PYKMT MUKI6MV-W<*'3%#,K-@=P,XJ0!M5QC(^'\@\,ZQX=.MRG2IXR&"(VZ]K;?(9& M^;.7Y)QG%=M10!CW^@1:AK^D:]\Q!TU)U$6W(D$]A3D!L8K+T;PE]>@K;V5A MXDF31K>3=%;/:QLZINSY?FG^'MTSCO7656L;^TU.U6ZL,F*X@9F421-N!*D@ MC/L01^% !J-M}>;;=6L-PUO+-"\;3*,F,D$!@/4=:P3X#T(^$/\ A'?L4'D_ M8 LOG^2OF?=V[\X^]W^M:D/B'1[BZMK;'4;>2;Z;5(%1\^8T7^L _P!WO6D[M*B,[$!5&23V% '(3>" [X7MC]%CXBN+34(=/33[F?[.DGVB-3D-AN%?))SSUZ-M5#%\.TM-"TVRLM7N8;[3+R:[M+]D#L#(SEE=3PP(<@],XS76Z?]%IJMA#?6% MPEQ:SKNCE0Y##U%6: .*'P_:2\\2+>ZWTG0((YM7 MU&VL8I&V(UQ(S#'&<#- %IT62-D=0R,'&4C((:N,LO NHZ5!_9NE^+;^TT4 M,?+M!!&TD2DY*).1D#TX)'K7JZ7K.F:W.EXTK4+6(A!P7MY5D /H<'@U-?7M MMIMC/>WDR0YT\&261SP]CJ30!RUUX(O!=ZL_9/B*XTVRU61IKNV2W20AV #M M&YY0L!SP>>1BM"Q\(V>FZSIE[9NT4.G.:VG0V^,C860Y)!?D_':;T4L<*31 M.'CD4,C#H0>0:?0!R=QX&@N/"'NNZ$;Z0)JUU/$[%Y[*.T,6W@!'=MV???^E:]5K^_L]+LI;V_N8K:UB&9)I6"JHSCDGW(MH YM/ L">#K+P[]ND,=K=I="];8,L5G| [&,^O%37O@NUOSXG$]5+LU^*,*0*H M!BV1[5(^ZVT2VI=O>R- M:I)'<|,[7*9&UAENAQ@XQ74%T#A"R[R"0N>2*KVFIV5]<7=O:W, I4@#@(P.:UM) ML]0L[9UU+5#]$[/N$GD+$]# &T*O;C/))YI^JZM9Z+8-?7\IBMU=(RP4M\SL M$7@#@/5@*NT 8'B'PTVL7FGZE9ZA)IVJ:>7\BX2,2]X =0\,#@=P015%? R MR:++X@MKS4YKK4-=B,5W?-&JX&PHH5!P%4$X&>YR:ZQF"J68@*!DD]!533-6T M[6K,7FEWMO>6Q8KYL$@=^!BN:O?"%Z-:O\ M4M$U^,2C]{4W<0MTF5G5=H=-WW&V@#N#@<5O1.OIT^JSZ7%?6IZA @8MEDH! MD13C!*10.1^8I?5T \ M,^R?ML'H%>]V;>/\O.-YWKC- .'S^ H(=*T. MUT;4)M.N=%9FM;DH)8=ZD2;U. V!<2>G-5F^:RZ3X@L[G6KFYFUN2*6>YDC M7'|8OY+'3=9L;NZC!++10S*S8'4C'4# MVH V*YC62"M[?>)HM=TS7'TVZ6S-FP%LDP9-^_ | BZ':*VS[NGK[JZ6;V#^T M&C,HMO,'F:[_%MZXK-U'QMX7TF^DL=0U_3[6ZBQOAEG567(!&O?8@T 91^'= ML-)$4>]78U4:A_.8U-@AD^TXVEBN-NW;\NW&,?G4]>!A=K]TNN:K/J-[]5B= M/:=(EA$,!SE449P23DDDVP*VW1Z+'HJZR^]VI:Z8_P!VZ:91&W..&Z'D$4EK MXCT6]TXB75K?5;233XB1)"IRVUC2-1U#7I+UM*AD@ MMXA:I$@1E"G,.=W YZ<< 5=L/!G:^#;CPS<2O<6EP+A9'QM8B5V8X]"-_!] MJT-'\0ZJX@BDETC4K:]2(A9#!(&V$],CM6E0!Q=KX&OA?Z+=:EXFNK\:1+OM MHS;I&I78R?/CEFP1\WL>,373ZQI5KKNC7FE7JEK:JB;*0*<'!'4'U'6KM% '-M(V?@RJ-_ILVM>()15@TQ_,M(&MTB'F'!2H>0CEV)QTY.:V-%T)-&N=7F2=I3 MJ-ZUXP*XV$HBI1Z_QN+&]2}AF6(2?.JL "IX M(^:!*@TOPF\&M1ZU]^C.KZC#&T5N\L:1QVZM[#8B $XP2P7?@MT589(R"H6,<;>.022OO:ZS'_ 9+BY^RH\=S'G=\T9. 0Q)!!XR1S3(O =M'IM M!;& GDN(]635[BZD4%KB96R<@8"@X '0 5UU% &'K^C:IJP,=EKAL;>2)H9 MH6M$F5P>XW8(.#CN/:K^CZ7!HFBV6EVI'=)M[MI3#=PVL,T(),$)1DE9V X4QE@?4D5Z-10'!!!';6\<$*!(HD"(HZ*H& *YI6 MO"L][KD6N;3]\NEZFL'V:1Q"LT"3R3SV%O3_"45A?Z%=+=NYTG M33IZJ4 \P$1 ,,?0 N^GO71T4 9?B/0X/$GAV^T>XD>**]B*&1/O*>H(^A K(MO/"_?1;7=R^()%US3FD,.I0:H%97&&1HNA4@#OG(SFNKHH PO#_ (<.C7%_ M?75I)?ZGJ#(UST4 <5>^ 9YY=8AL MO$%U8Z7]IO-=VD<*,?,= <.5<|J&P.CZX(S6IWA2+3)6TN_6Z=VT_2O[,5"@ M =!*]M-8K]CW6GAV:U@>%5, 9V8@L.6Y;OCI4O MB7PS#XCAM6%U/97]E-Y]G>08WPOC!X/!4C@J>"*W** .1F\%W>K:7?6/B'Q% M=ZBMS&J)Y<*6ZPE6#*ZA0?G#*#DD]L3:?X3O!K=GJNN:Y+JL]@CK:+]G2!(MRXVLY"_>8CC/ &3QS7444 *!\(#Y(1"N1SSG.;ZFB@#F[_PM-/K MNFZQ8:J]EPMA;6FUK91&"(R.C+Z'WZUY-IT^O:'X U#Q'9ZVT<%E]EPR:>+=#*'9G MVM@X=B"V3DX((QQQWKO],\6FESVQ36=-^7E,AP<8QN/ITH Y[QKK5Q;7>1+IWB+58[R MRM?.%GI^G+/"'YFL#.Y1N&QTRO'/O5O3'$-_J'B7PMO9$AU#09+Y;4"L_< MD8)&0!N;&.T-3\#6&IZE'WGV_4K4:G&L=]!:SA{@*$N;T"N'0=0'RD9'6KMGX M6T^OO-*NHFG,FF6!T^#"!+:)8XF5L*_W=_1(+V+PSKT&K>('@FTW5FT^/45M5DFE7] MVR@1A<-(0^WA3ZXJA:>*-8M!/QK.B;U&,^S=*%[93ZE9K#/&Q27@KL4,,H"" M5]1S76W7@?2KJTU"'I;N-KS4!J?G1R /#< * R''&-@X(/>F0^!-/1-8\^^U M&[FU>S^QW<]Q,&=DPXRN% 4X<]!C@<=<@&%97_B/3=5\)7-_KC7T.N$QW-J; M>-(XF,)D4QD#<,%<'). <[]H\K(F\.64QT4LTV='??;88WV,F&#R@P^@8EB?6IM8DNAXJTWPIHEPNC03V\]_=3VT*;R ZKM0,"H M)9R22">T=?\&6,J:O\ VM!>ZCI>HM4(J;CUXQ9D'0.""K8J'&?>HY_ FGR MV]B(_5(+VR:1H=02Z+7'S_?#,P(@'C@C' QB@#EK[Q5KNAZ7XHTZ;41<76E M7=G#%J+F+YGE7!3DQJ-K,H+8 '/"%-M9UE;;QA?V/B2_P!2TO3I*;2QN9[M)5^T;'9L$1KO* [5]OFP0:U/$?@AH/"KV>D17-_<3ZC!>7TLER!=SA&!)20X" MN H"_= .,4S1O# ^]7]IJ=M=1ZW9>'KS3GM9+?5+],B9I7."Z':)L 4L.6Y) M'"% $=E?^(].U+PE=W^N-?0ZX3%ZUIAU]2XCNY$M-.@\TY7M)(XY"FUY-NXL0IRP88)Z<5Z/+X;L9O[$W--_O M)W#VV&')$9C^;CGACTQS6>/!%M!>7$UAJ^KVU%O6SM;A5B9V.6(RI9*_%.NZ%XK70K>|B)UY(UTZ64)G3GW'!+#'S*0: M9\,];FM)I&NHK)E$W ?IAFXQ@X)/%6+_,$Z1JG]LM>B>:3551996<;H53[@ MB,/E"GYA[G)S6V,.*33S97.;F)HO*D\X F5<8.[C!SWX[T 9VCZ'H]MX>TVR MM;*V>RMTCD@!C!&X %7'^UGG/7/-<3 .;? B75_"FL>.+77WLO:/=:;>++>)H3 M' S#;*2N\LVPY(88SQ71:=V(+3);=8-7UPV%M(LD&GO?$P)M.5'3<5! ^4L M1Q3;GX=:7<2WB^^U2'3KV8S76FPW&VWE9VCELC&X!CU 8 T 94Fj;_P")/%FG M6&GZP^D6-SH46I2B.!)) [.1A2X('49SGA>,9S2A_$VN:YXKML()))IOI=P MJ6BQ6T3$L8$?#EE.4R2<#!Y/,, "NPCT*SB\0#6HPZW LA9! 0(Q&'W# QUS[M]*X^+P'-J/B7Q5=WEYJFGP7]R@4V=T$%S"(44AA@X^8,,\-UYQ0!5T;Q+K7C M:YT6QAU!](6714U^\FM8T:21V)+,PJJ-G'J$3ZK MI^OP::EZ\"[9HW;,@NH&,X?!VXZ<8KKKWP/IDYT^2QGO->N+"W^RP3V$H1A# MQ^[;<&#+P#R.O-Q@?28I%CTP-GZ=>>+!5>\G>1@<)2%3Y[IX ,%58V"JN>3M[CGUX_4;[5Q$G@_29+G5 MKN*>'T\41V)D^S1QO+BX4)(Z%?E=?08&&;2+4[;49KBZN[]"R>QWW M#MJWF([*S%@ ,G*CI@8[5E6GPZTN>UB-J]D^G6 MJS.YX1TC5;A56>[M(II HP-Q4$X]LU);Z!9VU_]]XC2^;]I0W +# VQB,;>. M.![\UDV?A>XT_5O#IO9W.T6BZ)9OBF8[KF1@$ <# (503G'5ACI0!1^(RI= M3^%=-N@#I]YK427*-]V0!'94;U!91QWQ3/B7;PP:=H=],OHFH6NKVB6;*,+ MT@5D'L5+9'3BNIUW0K#Q%I;Z?J,3/"S*ZLC%'C=3E75ARK]#638^!{.WU.V MU"^U35=7FM"6M1]%P'6%L8W!5506QW.30!SMU=>)}3OO&36OB*2Q@T:7_1(H MK:)BS"\'PY93E,D\#!Y//05! <^,M4U>.?.QBDU"SCN=$AU2Y?2;19Y6>0X"C M^[[5[(02VMPS)=+17D2R30^2\ M\8;Y)"G\)*XR/7-<@^KMX%N?&VGH.2HU73(_[!3GRR@'H)LBZ98?V;8 MI;&[NKLJ23-=2;Y&),>3@#\ *R|,\'Z5K^M:5]UZLOVG3'WQ>6^%2E6 <8^ M8!E5@/44 8&GVUQX4U/P+X:@E'D-:W0NOE!,LBHK%LD9&79CP><\U'X2UG4W MU.2T\0ZK?P:X8I7?3+BUC2W8!N'MW"Y=0,?Q,>>1787NB6M_K.G:I.THN+!9 MEA"-@8D4*V>_0#&"'S;#P,;6>IPZA+5&L9KW2GU"]O888_,8*RH$0%2BY+9)V!Q1J?B?Q#H MV@>+!^TA.8H0'4#:26!(R"+,X6I(C^S%O8&8N/,VR%BW.,9^8]] .;QA=^]2U,ZQ<;>9OHL>] M6(**N&1=LL8(R2Q0C_>K/N-\)1Q7FB>'K^]U1+LZ4_ %%"XTVR26=I&?:(P M"I5%4YR=N3@>IKK]<\$Z1X@32$OA,1I%[76 M;ZVU!;N!L-0MT:..[LI K[&(0]0#P\LN0#@@X(XH A\%WVL7VAR'6H9TN(;F2 M*.6X@IEX@?DD9.BD@\YXR#5#XJ*&^\&J*P!4M ""."//CJS?>'=0>/1K"VU M2];W@OA=WEW/<$S2*G(CXP"&8@$8 !XK7UW1;?Q#H\'EWAD%O,4+&-@&^5@ MPP2#W44 >4ZP[^',";P5<,3%;.G97>E.Q^_:-=)E.]S&QV_0K6]XWU^ZLIM8 MDTSQ%JBW>G6_G^SLM-6:"%@FX"=RC?>QGIRX!SCO75^(_"&D^*9=-FU%)/.T MZX6XMY(FVL'"'#M/"%D@9'L*I:GX!T[4]$XYZ?ZG;0ZHH%[;6TX2. =0%[K-SJR& [LFB\^&-9$(N(]PR@4,#Q@ M$<>I[;0@C5K[Q':76N75V%@GE:*#3E0 V80D%9#C<9">2.@XQZF1O%K/15S M87VJZM?BXDAD>6YN SCRG#H% 4*!D1KA&2!GUH Z2_P#^0==?]<7_)&O'_A][=OX'TVSDO\'O2M6 MT-.20]A<01@2]/=DV-]E37L$=IIL>G)9-))(BQ"(N[99AC&2>Y]ZYVI^'NA7_M (=T;1+],.6TTF2-I M9_A>2X\"_P# 5VK_.!KFV4Z0-3B\ <"_XF)UHH_+?_D'$>1C..?= DZ]Z MI@U'PQ9;EJ5S?R37.5Q<;<^FLT3@;8E;<2,@X,/?I*G?]P_I[^&#+]_1 LXVG MV/9GD1E=O7UQWH R?B3 QC!$+1.'4>Q4#/TKLH]'M1H":.+/ONK06PM7\|Y:1-NT[B,9)'6L M72? EAI=]9W3ZAJ=_P#8%*645]."2V!&WY0 ,G;QELD"@#)N-*L-,^+VA/9V ML<+W5G?S3NH^;1RT1)8!3_0<+#BM/X@7!V'AUK>QCC.K:I*MA9$J,B23C=_P% M=S9_V.+SP'#>ZZNL/K^N)=1^8(O+N$"O*Y!9%&S[O_*MB]T&TOM?T_6+AI6 MGT!)%MX]P\M2X 9L8^]@8SGH30!P>IZ5[LY DB!AAEY!!!P,@@]*I_\('HQT";27-T M_G7(O'OS'F\V@W ((EW]F&!C Q@8QB@"A(BP_&]V:!0K7&A2&X"_Q;9DV$^_S M,,UVU<_I7A*UTR:\NGOM0O;^]B$$EI=3!I5C&<*I4 * 23P.O)S6H6GIL.E MVUA'/<'7"6)802W,F^+\=V;N: +E%%% !1110 4444 %% M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% ! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M 4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% ! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 9'MBB:6W\,WTCQ2+'E71B"_1T(KR'_A(-9_Z"U\ | ^!#_ .=>M^+O^14U"_KE M_45XQ:6\EW=16T(W2RN$0>DP*]/*+@Y^YP8IOG21<_X2#6?^@M?_|@0_^_M-'_"0:S_ -!:_P#_ (?_&K-QH4*P7;6FH)QQK MJ8:V9=QF\ALJ>>"OKQV/>CW.WX! [_<=_PD&L_P#0E"_OH_P"$UG_M *"U_P#^!#_XU:U#1;&PMHI?6CS0^=^@MV&\9(';>.0:6#0+>2WL6FU=^[UQRL=^[7;4;1,]_PD&L_!:_P# A_| &C_A(-9_MZ"U__P"!#_XU6>RG346L"F;A9?)VC^]G&/S]WK>CMHUXD/GI/&Z;DE08!Y((M_@BJM"Z5MR;SM<;_P_)\K/_$%K_P#\"_OH_X2#6?^@M?_/@0_P#C5V/0 M].DL);T:T/)B=4<_96R"V<=_8U0331+8ZA=Q3AHK1T4?+CS Q(!]NE).F^GX M#?.NOXCO^$@UG_H+7_|X$/_(T?!)!K/_06O_|P(?_!J6WT>$6$5Y]%\M M%.2(5$9D=P." <#&<]WJ#+,3C"ZS)>6UPF^&9 0'&<\@@1IOO9MVL'OV MO<=_PD&L_P#060_P"'_OH_P"$@UG_*"\U_P#^!#_XU9UGPI-H]!;M.DL M"5]SH_($L/^O: M/_T$5P8Z*459'7A&VW-6,L\%_;RVIH)N$D5HP!G+ \#'?FO9?%W_(J:C_-IN-&_L]!B%H0SLX.CNPR%5NW4GKC% M.IM7>-O]/4O<_:)'#8QNW*.*GV3MN5]1=CH+.SN-& MT?5)!0B>W-S!|GABE&UY&+ DA3S@ =:MZ?=1VVF:"EP?|&N3=6\ ^XY49_ X MX5R;.SMN=BQ]2UA_LK5K70PRL\$% MQ-<%>AD:)L?DH7\S6%8?\BEK/_7:W_F]8WF/O+ [VW'IV>;0.P4J&.T]1G+TE M2\^WYW!U/+N=7%$=C9;$+=@%K.XM98;A/5#*W/U'472EU]T-AK^@6I=7\)&) MO?&]C\GM=@_B*XJU-J) (*0$]*4NQO8DKP#GI1[+6]^X>TTL=$6U2+Q3]\-F0 M-.RSRK+&$WAD+G(*]Q4'B.T@MQ8SK;_8KFXB+SV@)Q&\DNW<3(3M0XR,Y)W=>U-NDL[[PJPL[F: MXDTZ,>3++$$(CD/,,, <,_.?QKFS(;LNQW?>R>OUI S*"'%@@$8.#UH|F[WO\ MU_5PYU;UC:M/^1.U+_KZ@_D]&G?\BIK?_72V_P#0FK%W.%*ACM/\&>#0&8*5 M#*$*>HSUIN&_K?\A5(5+&-U8GD#ID$&H=<0 MV>CZ3ILV!=0"625,Y,>[@0IH#@9QQUB1S2PDF*1?)X)5B*82222\Z/_R\!+#_XVG_]!%># M5[SH_P#R!+#_ *]H_P#T$5P8_P"&)V8/=EVBBBQ_!**** "BBB@ HHHH **M** "BBB@"M?V,.16,JG/N\J5=K;3@XKG/^%=Z%Z7/_?W_P"M7645<:DX*T78 MB4(RU:.3_P"<+M1_PKOOO2Y_[^_|UJZRBK/O5_F8O8T^QR?_M KOOO2Y_P"_O_UJ/^%=Z%Z7/_?W_P"M7644>WJ_S,/8T^QR?_"N\"]+G_O[M_P#6H_X5WH7I<_\ ?W_ZU=911[>K_,PIC3I')_\"N]"]+G_ +^_ 6H_X5WH M7I<_|_?*U=911[>K_,PIC3I')_*[T+TN?^_O_-:C_A7>A>ES_P!_?_K5 MUE%'MZO\S#V-/LA>ES_W]_\K5UE%'MZO\S# MV-/LWJ_S,/8T^QR?_KOOO2Y_P"_O_UJ/^%=Z%Z7/_?W_P"M7644>WJ_S,/8T^QR?_"N\"]+G_O[M_P#6H_X5WH7I<_\ ?W_ZU=911[>K_,PIC3I')_\"N]"]+G_ +^_ 6H_X5WH7I<_|_?*U=911[>K_,PIC3I')_*[T+TN?^_O_-:C_A7>A>ES_P!_?_K5UE%'MMZO\S#V-/LA>ES_W]_\K5UE%'MZO\S#V-/L MWJ_S,/8T^QR?_KO0O2Y_P"_O_UJ/^%=Z%Z7/_?W_P"M7644>WJ_S,/8T^QR?_"N\"]+G_O[M_P#6H_X5*

*MWH7I<_|?W_ZU=911[>K_P|C3{')_|"N]"]+G_+^__6H_X5WH7I<_|_?_M*U=911[>K_P|C3{')_|*[T+TN?^_O__-:C_A7>A>ES_P!_?_K5UE%'MZO\MS#V-/LA>ES_W]_|K5UE%'MZO\S#V-/LWJ_S,/8T^QR?_KOOO2Y_P"_MO_UJ/^%=Z%Z7/_?W_P"M7644>WJ_S,/8T^QR?_"N]"]+G_O[_P#6H_X5WH7I M<_|?W_ZU=911[>K_P|C3{')_|"N]"]+G_+^__6H_X5WH7I<_|_?_*U=_M911[>K_P|C3{')_|*[T+TN?^_O__-:C_A7>A>ES_P!_?_K5UE%'MZO\S#V-/LWJ_S,/8T^QR?_"N]"]+G_O[_P#6H_X5WH7I<_|_?_*U=911[>K_P|C3{')_|"N]"]+G_+^__6H_X5WH7I<_|_?_*U=911[>K_P|C3{')_|*[T+TN?^_O__-:C_A7>A>ES_P!_?_K5UE%'MZO\S#V-/LA>ES_W]_|K5UE%'MZO\S#V-/LWJ_S,/8T^QR?_KOOO2Y_P"_O_UJ/^%=_MZ%Z7/_?W_P"M7644>WJ_S,/8T^QR?_"N]"]+G_O[_P#6H_X5WH7I<_|_?_*U=911[>K_MP|C3{')_|*[T+TN?^_O__-:C_A7>A>ES_P!_?_K5UE%'MZO\S#V-/LA>ES_W]_|K5UE%'MZO\S#V-/LWJ_S,/8T^QR?_KOOO2Y_P"_O_UJ/^%=_MZ%Z7/_?W_P"M7644>WJ_S,/8T^QR?_"N]"]+G_O[_P#6H_X5WH7I<_|_?_*U=911[>K_MP|C3 M{')_|*[T+TN?^_O__-:C_A7>A>ES_P!_?_K5UE%'MZO\S#V-/LA>ES_W]_|K5UE%'MZO\S#V-/LWJ_S,/8T^QR?_"N]"]+G_O[_P#6H_X5WH7I<_|_?_*U=911[>K_P|C3{')_|"N]"]+G_+^__6H_X5WH7I<_|_?_*U=911[>K_P|C3{')_|*[T+TN?^_O__-:C_A7>A>ES_P!_?_K5UE%'MZO\S#V-/LA>ES_W]_|K5UE%'MZO\S#V-/LWJ_S,/8T^QR?_KOOO2Y_P"_O_UJ/^%=Z%Z7/_?W_P"M7644>WJ_S,/8T^QR?_"N]"]+G_O[_P#6H_X5WH7I<_|_?_*U=911[>K_P|C3{'_M)_|"N]"]+G_+^__6H_X5WH7I<_|_?_*U=911[>K_P|C3{')_|*[T+TN?^_O__-:C_A7>A>ES_P!_?_K5UE%'MZO\S#V-/LA>ES_W]_|K5UE%'MZO\S#V-/LWJ_S,/8T^QR?_KOOO2Y_P"_O_UJ/^%=Z%Z7/_?W_P"M7644 M>WJ_S,/8T^QR?_"N]"]+G_O[_P#6H_X5WH7I<_|_?_*U=911[>K_P|C3{')_|"N]"]+G_+^__6H_X5WH7I<_|_?_*U=911[>K_P|C3{')_|*[T+TN?^_O__-:C_A7>A>ES_P!_?_K5UE%'MZO\S#V-/LA>ES_W]_|K5UE%'MZO\S#V-/LWJ_S,/8T^QR?_KOOO2Y_P"_O_UJ/^%=Z%Z7/_?W_P"M7644 M>WJ_S,/8T^QR?_"N]"]+G_O[_P#6H_X5WH7I<_|_?_*U=911[>K_P|C3{')_|"N]"]+G_+^__6H_X5WH7I<_|_?_*U=911[>K_P|C3{')_|*[T+TN?^_O__-:C_A7>A>ES_P!_?_K5UE%'MZO\S#V-/LA>ES_W]_|K5UE%'MZO\S#V-/LWJ_S,/8T^QR?_KOOO2Y_P"_O_UJ/^%=_MZ%Z7/_?W_P"M7644>WJ_S,/8T^QR?_"N]"]+G_O[_P#6H_X5WH7I<_|_?_*U=911[>K_MP|C3{')_|"N]"]+G_+^__6H_X5WH7I<_|_?_*U=911[>K_MP|C3{')_|*[T+TN?^_O__-:C_A7>A>ES_P!_?_K5UE%'MZO\S#V-/LA>ES_W]_|K5UE%'MZO\S#V-/LWJ_S,/8T^QR?_KOOO2Y_P"_O_UJ/^%=_MZ%Z7/_?W_P"M7644>WJ_S,/8T^QR?_"N]"]+G_O[_P#6H_X5WH7I<_|_?_*U=911[>K_MP|C3{'_M)_|"N]"]+G_+^__6H_X5WH7I<_|_?_*U=911[>K_MP|C3{')_|*[T+TN?^_O__-:C_A7>A>ES_P!_?_K5UE%'MZO\S#V-/LA>ES_W]_|K5UE%'MZO\S#V-/LWJ_S,/8T^QR?_KOOO2Y_P"_O_UJ/^%=Z%Z7/_?W_P"M7644 M>WJ_S,/8T^QR?_"N]"]+G_O[_P#6H_X5WH7I<_|_?_*U=911[>K_P|C3{')_|"N]"]+G_+^__6H_X5WH7I<_|_?_*U=911[>K_P|C3{')_|*[T+TN?^_O__-:C_A7>A>ES_P!_?_K5UE%'MZO\S#V-/LA>ES_W]_|K5UE%'MZO\S#V-/LWJ_S,/8T^QR?_KOOO2Y_P"_O_UJ/^%=Z%Z7/_?W_P"M7644 M>WJ_S,/8T^QR?_"N]"]+G_O[_P#6H_X5WH7I<_|_?_*U=911[>K_P|C3{')_|"N]"]+G_+^__6H_X5WH7I<_|_?_*U=911[>K_P|C3{')_|*[T+TN?^_O__-:C_A7>A>ES_P!_?_K5UE%'MZO\S#V-/LA>ES_W]_|K5UE%'MZO\S#V-/LWJ_S,/8T^QR?_KOOO2Y_P"_O_UJ/^%=_MZ%Z7/_?W_P"M7644 M>WJ_S,/8T^QR?_"N]"]+G_O[_P#6H_X5WH7I<_|_?_*U=911[>K_MP|C3{')_|"N]"]+G_+^__6H_X5WH7I<_|_?_*U=911[>K_MP|C3{')_|*[T+TN?^_O__-:C_A7>A>ES_P!_?_K5UE%'MZO\S#V-/LA>ES_W]_|K5UE%'MZO\S#V-/LWJ_S,/8T^QR?_KOOO2Y_P"_O_UJ/^%=_MZ%Z7/_?W_P"M7644 M>WJ_S,/8T^QR?_"N]"]+G_O[_P#6H_X5WH7I<_|_?_*U=911[>K_P|C3{')_|"N]"]+G_+^__6H_X5WH7I<_|_?_*U=911[>K_P|C3{')_|*[T+TN?^_O__-:C_A7>A>ES_P!_?_K5UE%'MZO\S#V-/LA>ES_W]_|K5UE%'MZO\S#V-/LWJ_S,/8T^QR?_KOOO2Y_P"_O_UJ/^%=Z%Z7/_?W_P"M7644 M>WJ_S,/8T^QR?_"N]"]+G_O[_P#6H_X5WH7I<_|_?_*U=911[>K_P|C3{')_|"N]"]+G_+^__6H_X5WH7I<_|_?_*U=911[>K_P|C3{')_|*[T+TN?^_O__-:C_A7>A>ES_P!_?_K5UE%'MZO\S#V-/LA>ES_W]_|K5UE%'MZO\S#V-/LWJ_S,/8T^QR?_KOOO2Y_P"_O_UJ/^%=Z%Z7/_?W_P"M7644 M>WJ_S,/8T^QR?_"N]"]+G_O[_P#6H_X5WH7I<_|_?_*U=911[>K_P|C3{')_|"N]"]+G_+^__6H_X5WH7I<_|_?_*U=911[>K_P|C3{')_|*[T+TN?^_O__-:C_A7>A>ES_P!_?_K5UE%'MZO\S#V-/LA>ES_W]_|K5UE%'MZO\S#V-/LWJ_S,/8T^QR?_KOOO2Y_P"_O_UJ/^%=_MZ%Z7/_?W_P"M7644 M>WJ_S,/8T^QR?_"N]"]+G_O[_P#6H_X5WH7I<_|_?_*U=911[>K_MP|C3{')_|"N]"]+G_+^__6H_X5WH7I<_|_?_*U=911[>K_MP|C3{')_|*[T+TN?^_O__-:C_A7>A>ES_P!_?_K5UE%'MZO\S#V-/LA>ES_W]_|K5UE%'MZO\S#V-/LWJ_S,/8T^QR?_KOOO2Y_P"_O_UJ/^%=_MZ%Z7/_?W_P"M7644 M>WJ_S,/8T^QR?_"N]"]+G_O[_P#6H_X5WH7I<_|_?_*U=911[>K_P|C3{')_|"N]"]+G_+^__6H_X5WH7I<_|_?_*U=911[>K_P|C3{')_|*[T+TN?^_O__-:C_A7>A>ES_P!_?_K5UE%'MZO\S#V-/LA>ES_W]_|K5UE%'MZO\S#V-/LWJ_S,/8T^QR?_KOOO2Y_P"_O_UJ/^%=Z%Z7/_?W_P"M7644 M>WJ_S,/8T^QR?_"N]"]+G_O[_P#6H_X5WH7I<_|_?_*U=911[>K_P|C3{')_|"N]"]+G_+^__6H_X5WH7I<_|_?_*U=911[>K_P|C3{')_|*[T+TN?^_O__-:C_A7>A>ES_P!_?_K5UE%'MZO\S#V-/LA>ES_W]_|K5UE%'MZO\S#V-/LWJ_S,/8T^QR?_KOOO2Y_P"_O_UJ/^%=_MZ%Z7/_?W_P"M7644 M>WJ_S,/8T^QR?_"N]"]+G_O[_P#6H_X5WH7I<_|_?_*U=911[>K_MP|C3{')_|"N]"]+G_+^__6H_X5WH7I<_|_?_*U=911[>K_MP|C3{')_|*[T+TN?^_O__-:C_A7>A>ES_P!_?_K5UE%'MZO\S#V-/LA>ES_W]_|K5UE%'MZO\S#V-/LWJ_S,/8T^QR?_KOOO2Y_P"_O_UJ/^%=_MZ%Z7/_?W_P"M7644 M>WJ_S,/8T^QR?_"N]"]+G_O[_P#6H_X5WH7I<_|_?_*U=911[>K_P|C3{')_|"N]"]+G_+^__6H_X5WH7I<_|_?_*U=911[>K_P|C3{')_|*[T+TN?^_O__-:C_A7>A>ES_P!_?_K5UE%'MZO\S#V-/LA>ES_W]_|K5UE%'MZO\S#V-/LWJ_S,/8T^QR?_KOOO2Y_P"_O_UJ/^%=_MZ%Z7/_?W_P"M7644>WJ_S,/8T^QR?_"N]"]+G_O[_P#6H_X5WH7I<_|_?_*U=911[>K_MP|C3{')_|"N]"]+G_+^__6H_X5WH7I<_|_?_*U=911[>K_MP|C3{')_|*[T+TN?^_O__-:C_A7>A>ES_P!_?_K5UE%'MZO\S#V-/LA>ES_W]_|K5UE%'MZO\S#V-/LWJ_S,/8T^QR?_KOOO2Y_P"_O_UJ/^%=_MZ%Z7/_?W_P"M7644

{R3C%.O'"VGA^\U199[8(U]R<2?9DPKAB,?[PSCFH](\,.:QX*;PO?MITV] M+9Z5)H]Y#9E6DA=W60,@8C<,@J<'I(@T =:/'>ACP]>:U++-#;64RP7<6D|*

<'V1I>VS0^;#G:D7<.5SCT//2N.U M+P[K6K:#XLU(Z9+!(;GP2 Q"LQ&3@ 5T^KZ=>2>/]-U.M.Q:XM(=*NXI,%0&=FC*ISZ[3|4 3VOBZTUG2[NXLHM1M81:/<0WLUDPC=,<. MF>&Z@@'!(JJYVX\7R:?K/@Z26^O+ZUU#2)92I-J?,O),0E&\I>APS"09/85 M!H^F:K$^IV6E:=K%CH#Z7-&+'4W1A'<'A%@^9F"XW9YV],406&MZ+-X%OET: MYO$TW0VMKV*B(D\RBD(P 2 S }>,] ?H0#1U[Q@DE\TH^%8K_1;BXMI8]7M;.XC MDC,*=? MDN].\17EG]D?:X'TO^T;-!-*&2YA*VZKYS)&D*A+!/U;4GTW[/?6-\(O/6WOK9 MH7DCS@LN>" >#W%,\-^---+\5MG2HKZ2W\KS!:98Z7:W"9O0BR3R2[1M"]Q^50N'_']WK<6 MC7FJ6.H6,4&;/8TD,D;.<%69?E8/USU'-0!]8T3QA=>()O#U[=6^K6%NCQ6; M1RRVDT>[*$%@"IW_'@<9'XT ;,WCWP.!H%GK3W4ALKNX^S(5A8NLOS?(R8W M!LJ1C&<_6EL_'&C7-KJD_V]P.EQB6[BO;=HI(XR"0VT\D$ XQZ5RL'A?64T MW29YK$!74--N=&@M MS*A4&2/K0!]'QG81:)?ZM=V6IV5M9(LDGVJT;-F4[\N>OTZC MOBM.YUFSM-7T[3)6<7.H"5H %R^(P"V3VX(KSK^P/$&J^.$_%6CVL.IQZ?<: MFF0:OI(F$IHR64-DG9P@&\|?:M6*76=?\;^&=2D\.WNG65A%-1@ M*K'Y]N8H1HXO6TZ6T"E!O.9"Q^8-@;=GMFN1CT+6;'P'H'_!*Y MYKG3=?>_FM8ROF-%Y\QRH))VNIQFMNZT_4=0\776JKI|Q%! <^&C;J)=H99C M(S>6<$_-@CV|Z -+FF_$30M4NM/B@%\L.H';:W4MHZ02R;=WEAR,;N#[9!&;.- M3^(>CZ9-<(UOJ5Q%;7 M9KBVM&>))B0/+W?WLD#CN<=:R/!U/\ X0GP#9?8 MW^TZ==V$EU'QF)4C(7-G=M?$N M RC< -<$J2.#0![=&_F1J^UEW '##!'U%.ID4BS1)*ARC[&4XQP:?0 4444 % M%%% !1110 4444 %%%% !1110 4444 %%%% !115>_N9;2QEGAM);55!E((B MH9SZ L0!^)H L45R|AXNGDU.ISTS-'ET^-M/|+)DJRO9*DAEZ$$8(/K6? MOOQ$;^7 1;]?P_>VFEZNZ0VIY+(A_>NN5!0'<%)! ;OP<8(H [BBO/?%7C.YG MT7Q/;Z7HE[=6=C(/.W&H12(OES>6<{4)W,%)&2.G,.XK\|"O(\7P/tM[=RI8 MHM-BFED8YP!&"Q/ZT ;=%>'IRST;4I4BMKZ25'"$ .MHK@YOB1(EIJ.H1>&[^73-,N9;>]NA(@V"- RK,BDY< #<<8QGJ2# M5>_\0'2?&OB'5HXY;VUMM M;D0Q/IY?,E+,,\?=Y_"@#T2BL"{\36O\ :6F: M=;I).=2M9;H2Q.!Y4*J#O/U+*![GVK T9QI'8^:"'D5GI^J:G-K%L[6RRS]\ MQ**#'=L#H>6[?A0!YEGIMG82W(Z/9I>LQ(_?1,&*__M0H5^N*&A[Y'-JJ-AX;N+>TE,FN2M&D)(#0[%8R%O]T]0? M&M"N-"MKZ[CN];>UE>\ND>0@3NICRW0-@[3_ @"KE_K6]VOQ,L3#HUU)-(%\EO+;2)++);SV\N"T4 MJ,5921P<$=17)Z)XG\0:NWBNVU#2ZAM[2:::)A('_H^(581D+RQR<{O?VH]*

*M#HKS7P7XSN;,PUX2M!0T6|BLKV&"SBU&61#OF\OC*9W!6*G#'KQQ@UM:AXZ> MV?5)K<1+]^TW27;. ^NXY47:R@,X1'"%KO7U4W% MM!;-=*$.#(H7<,9]17- GXA727UE:R>%=35]3C9!,&^/-QMP2'&'W6%,]YNV> M_% 'C^PP1^IU0;Q6MM%,P($&AO(BC^%0, ?E7+;7XMU/6=#DU6T\.RBVEMOM%F MYNXB9AQ@,,_(V#G'(X()SQ2_#O7=7\0^$;&_U>S,4LD".+C>A%OD'+!5^[]# MZT =917*W7C'Y.KWUCI&@7>J1Z312QH$#\O YSSTP: .LHKSO6/'NI3VGA+4/#VF MRSVFK705U=XT9ODD)A.[[IRN=W3Y<9YK]M=U\^'_O)K=U8RL($22X@1@6C M4D!CGH=N23CKB@@#:HK"O_%5E8:U#[[@LAL)=0GN PV00)@;CZY),,>AK-L/& M\L|SL:7VAW5A8:LX2QND48LQ4N@= WO(S(MZ;"2F$_/%KQ#3-*TC2[O5K^33X[MUQN%3RHB %:21NK$ MYX YP3Q3)/B):1^'HM4_LR|:,^T1HDUBH45I7<>%>N&[8P>:/[.DS:9J-O"EP(1)4E$D3D@,&4XX*D$?SI-7\436>MHNE,3-JFI>1 !IEC658DABSM!9V!D@X !Z'10!T=%>7>,_%USK/@'?INGW<;R:E'I]_"9UBD MMW$R*T1(/.[.,J>C9KJYWN? #WP_FETW27@N+:.V=X[(W"N8CR3\[$@XR3U[8% M -'345Y3]GB36+SX>-^%]7U#3[B*X;4=.D(@D5VNP=K$]JGC:5?6E@;O8LZ,SPL&&Y'7(#]1[''6@#KZ*XBR\7M'8^'].TK3;O4 M]R[TF.^"W-VBN(L*.L[??X2QEE7D;HV$9(V'M&0: -.BO(}$U6YM+GP6^G^>]5S1;_&CI\]RLX6,P[GDQC,>UI=.^^*Z6X M^(;1VEW]UOH%Y<^'[25XYM125 2$;;[I&3N9%((//'0\4 =O17G=_J"KXK\77 M!N+DVB>'(9P;.78X'[\[D/\ "V!P?I6HOBUX(M(TO2=,N]5U"?3H[PQR7"J8 MX< !I)&ZL3QP.2.">* .PHKG]-\4+>;Z=(NM/N+"Z^PI? *1[*]UX,UR/O)H<.K0P/#!.S^2'/+H&*]_T8#(IC0!K45RGCR_N["QT9[2XD M@:76K.&0HV-R-* RGV(K LGO=8^,>]+?Z17NEW%M M?:,T:W=BSJS#?C8RN."I\R# [BMR\UV.S\2:7HK0NTFH13R+(",)Y07((]_ MZ4 :U%<+XXU&YTWQ;X.DMK:YNW:XN5%M;D RDP$ ') !.23T)K4TOQ;/]- MGJJG0[J/5M.E6&;3EEC9F+ ,A5\A2I# Y)&,&@#IJ*XN? Q[<6$>XQRZN+> M^TZR% ^;=)TD$T&X@LK#N-IR".U:|SX]LH=4TFRB!F74+>6)[Y6 6&!%\QO8 MEE ^OM0!NT5QMGX]:X.FW<^B75MH^]3+!9WSRH2S/_JRT8.55NQYZC,,UTF] MWMW8V@DLM-EU"=G"+#'(B8_VF9B ,>YZ<4 7)(UFB>-QE'4]P!QP:@T_3[7 M2M/@L+&!8+6W01Q1KT51T%O-0T]>UO-#*BZM/,5\AE#*5<<$$' M]*EM/&=S+K$6G7GAZ\L9+RVEN-/,T]$W 0 E&)\ML,#@^OX4 =917*P^,;. MYT#0=3M|:61M9N(|:&WR R. <[!W^YM?/^]6AXD)(3@M%2TEO;VIG%O.6L3 M!6D<@DY)X50 22>E &U17&)X_*1>(!?;)=V=UH=B+RXADD5MX(<@(PX(PG7W MZ @UKW*B6&WN_#!N;=R=99EC((_=XB,G/KP,4 :E%<5A0EB@GU--&N9/#]O M<WEUD(2H.0^QG6/.YD#<$|>"0#6@2%5Q/XFN!'T!1Y;M;"2*.\G^T(GEF10P M*JQRP"D$GCN!DT :NKZ'IFNVR0:G:1W"1N)(]V0R-ZJPP0?<&DTC0=++T*.5- M-LT@\Y@TKY+/(1P"S$DG'N:YG0?$VOW_.(U[2;K26%A:2Q*DGG1_P"CJ8RP M) Y;>-<'VSS4&B^, (;?PMH,>GVNI:I?:FTXM8+FY5IF".V]I>6P HXY|\U !H M|ZBN,E^(4-GHVMW6H;7B7>EO*/3-#EU)W!9F%PD*)CL2QR2>P [M=10!K45YQ8|X4YD.G[&$O29- <$;V:8\TNJ3HT9YP:?F7J3CC-;L'CV"W3 M6$U[3YM)N=%NUHHGD64/"V=K(R\'D%<>N* .OHKDK/QG=#5-.M-8\/W6E1Z MFQ2SFDF20%H8(X4V1B -<#GIBD)&IO'X4UO7OLX@>+ <,R&)RI(/,. M* .IHKAIO%&OK\3$T.#26FTUM/6?B;-3S(9>>><#)?;U.,U:^('B#5_#^GZ, M+I%H9VGU""&1MZ#"M(HV8,NV2,]NM `7T5YSJNM:K,?$/0Y$T.ZENY(N0=/ MCG3"-YL? +OG: #SSU 'GKEYXMMM5|-VUY-#J5A-%K4-A<6\$X22.82]I5F& M0R<@G'4&@=#+2,;,TO;R\@<@5+B]97N'!.9"]A03|.*M5S5MXJN-0!07FGV& MCRW%K8W(M;JZ^T(ACW%GH6G^1?S6*SZK:6\T\, MGELL3R /\W;CO0!V-%>;:1XBCT/Q+KL!\03ZOX=T_3%O)KF:19VMIMQ!C#J/ MFRHSM.3^=;5IXVN?M^F1:MX?N]+MM4? R[.XDFC?+E2RI(GC*,0#@<\\4 =?1 M7E]AJ*V^FZB|U<7X#>,FMT-M/L;YIE558\TYY7N*Z;;QA M0$! O^_N3^\]741,SQ(SIL@V.C7.HW\M!] MJ01R*B!=Y4[F;A1Q[YR!BN>U?Q,-? TIPW&0D'! M'0^A!% 'RI%<;?>/C:#4KRVT2ZN!'TN9H.R^25%VE^-6%$)RX7N>.AQG%;& MM>(M1T]7GT_P_/J-G'\YIW"7$<;E<$X0$Y8X&>@'(YH Z*BN3G\;K>I)&C: M,+J%QJEE]OBC:9(L/R]2W5OF'RCWZ58U'Q3<6-HVVE6&C37NJ26HNY;/.G(=)6^ABE@82/#-!+C?%(C%70XR,@@ M]*R=)\87.MW22V&@7;XBE++X MUB'0;R? P[;RM'}]22IDA6VM(L>=S("#SUX)Q5W4?&4\/B&31-*T.YU2[6TCO M T/M2GT?POJF@:9*\,I:@MO,DCQJP(-M+]T)W="64_,:!MJZZ34-,7LLR7%M)/"&D9 M$<[V2 !M# !N,CCKQ0!Z#138V9HD9TV,5!*YSM/IFG4 %%%% !1110 4444 M%%%% !1110 4444 %%%% !1110 5A^,--U+5_"M]8:3O%X>$]2'@WP;I?[G[3I%U92W/S_"[8AA]IQS[5VSRQQE]JI=MJACC<>N! MZG@T^@#SFY\-^*,.T\3Z)I=OIFUCK,]Q<1WD|RPM\YR,AC"_,P,B.1M]3DGV]@OA[Q5JFC:/X;U6UT^"PL);=KB^AN6=KE(2" MH2/:-I8]N23Q9SC->BT4 <4?"VIIG1O'5K^Y\S6Y)YM/GXPINL8W'<"YAY6S1PXNOF|;.'4=6OX#> M2SLKVZM,RR9CVG><9Q@CKSTY[;3_ O);>++RZ=8WTR32+?3T5CEFV-)D$>F M&%=':I:K"6M9%A$4C,Y, (&UF)Y/'4D]34] 'F'POT:X\O6;N>X%S':, ^BZ,+Z MVT+O@_B6Q_P"M+0O"&J:>O@43^1_Q)+6>*[VOGYGC"C;QSR*[F"WAM85AMX8 MX8ESA(U"J,G)X'N:DH \G\<:1@S M0Q7$+0SQ)+$XPR.H96'N#45G]EIT1BLK2WMHRU\U)<+ZG*,/^!FD\/>#;_3/'>H:CS&N|HH \Z_X0[6K?P3IUG EM+J.GZT=36%I2]2K]H>0+NP< M$]_1UK>M=)U.7QQ;> (+N"&",Z,;26))MY24RA\ X&1@'GCZ5T|% '/>$M&NM M%MM5CN_+W76]W5W'L;/[N20LN??!K,L=$UNPUCQ-,BVM9--U>5[!J.Z^T$.CM M"J;"FWGE>N>GY5VE% '##PGJ7_"'^#+ +_<,:-(N;*6Y^?Y=L2X;:<<<^U9,O@ M.6RUG6)!X4T378=0O)+N*YNY_*>$R6WB.Q36\5U<:Q#J>GLY)3=$L6 ^!D E",,]&-2M?$USJ)TN MTT*QFM7BGL[.[J7$S,")-NU57 !Y R=W- :G@+3M8T3PS,:+JUK;1_8(U@AG M@N#0\U&?FVE1MXQODJZZFB@#B(]+\4>']=UMM%LM/O;+5KD7:27-RT1M12BJ M^Y0IWK\H(P0>WO3;S1? $MEXEU^XTBWT^>VUR.+,UQ.RU=(_+)*\3O! +'_M/"6NYIHH X31("6IV#^:FF\C&BV$]O=[7S\[I&HV\]LZP_E M_9;NSMH8L-\VZ,R%LC_@8KH**/++;X? R:9/>6C>$=!UF&:ZDFAOKJ?8ZH[% MMLB^6Q)7)&0>1CI79:9HMS9^-M08_,W9';]PQ7OT4 >><0 M^$-=T_P9X6M[>*UGU+1,\W;P-.4253YH*A\'!Q(#T[5WDMJ-3T=[348$474! MCN(5?V:Z5#- "2VRU2, MHAY_B)9F(<4>%,.!\VEW.FQ?2:W0(Y,_/]D,^60Q.#R1C)Y->BT M4 N;M?!NK&'Q(+?3 M;31+74=*EM8]-@NS+!$]NPD<%%08..!SU->ET4 <"%H'B#P_]!IJVE6EIJ!-MDTJ"PO+66Y,)5XL[71H!'S$$$#L:AC\$ZL-+M6FDMFU";Q%K5ZL'RXP&& M40D9;"JHY R(;>VY2,_K5JB@#.MSVW\.^(;KPAX>*M3U M&+RO(N=!.GQY;!\W>[F101WC7K M02V=P]!2RL$)V\ \$$XY%=;<:7>R^'")=)EN1%/#UMX?\ #^GVRV5I!>QVD45S)!&H+N](@,2P)Y!Y-X(:.WE9BP:+;\S@.P&& /%>ET4 <- =^#KW[5XA%KY7V>\||/ MQZ9:[WYW]LH^,C@?.O/UI-/# B#0M5T5S[=ZCXGU MBR2"/^S; 11+<#.7G(+.GH0H^?B9M&[;G.,[<9YQ4E M'EP\ RZ?]_J)_P (EH>MPWEY+OG&F:? J=A<6D<%DMU=-"I[*%(C"D-G(.1@\8X'>BT4 >><7OA35'\&:) MHET4 9/AO3QIFBQ6_JE66EL69YM:)MT:$ MD]|JV.,9XZUSWA32_%'AFUM?#PLM.ETNUF?9J#7+:,V@+%@OE:? O)XSNQWYKM-MZ*/,D)*^*K;PA<^!X(-/.F2F6&/5&N#O2WD7 8C[V.AKJ-.\/SV'C M:ZU)=GV!M+M[.+YLONC=R$[RQBM+O4=!LY:.ZM7G,:RH^#E'VG!!4'D<@ MFM36-- \375>'M:%CHZGIMW++)8K=;J&-XW0 2%>6 8$_*>:!6B@!L9;2\:7,-I(.F.Y4QP)%+)@'YAV')Q72UG:_I0UWPI[6 MDM*8A>VTEOY@&=FY2,X[XS0!P'B*\UXZ7X)NKNSM+C4CJ\9BB@N&V2 V\F"S MLHVGDDX!X'&>E;,?CJYTNV\2#Q'8P0W.APQW#_8Y2\G7ZWB?:D9T;".N"%(/\7KVH M ;XN\6#P()IMG%)D^VZC(Z1/>W'DPQJB[F=VP>F0 !R216+%\1V_L;59&MK* MXU&PNX+0?9+K?;3-.5$;B3'RK\W.02-IZU9U'POX@UC^SM1OKK1CK&FSR-;A M+9S;21.@5D=68MGC(8'C KB.\;6&I1>"3#[;:=&)!2MO:.QM&,$HXH2 M%XY'RCD26@#% M-*NM.DTR\'LVKZ;8M $G8|0C$NPD.WG@!.8QHH2P:J5GXETW5[QM'@CLK M26U%MULT:G=LPQ)//W>F./?F@"Q*_^2:;-_N2?^C7K \,>$['Q';^(;RYN M-0AU :W?117=O>RH\064A=H#;>/0C%=IX0T.7PUX5L=(FF2:2V5@9$! .79N M_P!:Y^R\+>+M,_M6TT[6M+MK.^O[B[$YM'DGB\URV!EPN1GJ10!F:7\1;N/P MKH$5T]B^LWTEQ UQ>3B" "W)=:B\3PZ)KVF6=O+>VLES9O:7+2*2A&Z-]RCY@&!R.*]VOC+4X? %.FZ1] ML&C_/$Q>2-4LXS2VS]A?$*C((4C(!U)#X5UO4M:.I^(-3M3+!92V=F/8+/<;Y3N).[^C ' K,T?X?:G87GAQ0YM'C@T1SC[:LDER#$R;W8&C(W0)'< MDG/2@'_IGB? Q/KUQJG:1IT5G8W=S9^==73]TKQL0"H5%A>%SGN3C6I+H'C M'Q%IOPKT_7=3M;?4))3;1P,+AO-G\R0(2^Y0%;D8Y(]2*[7PUH4FAVNHPRS) M+|KU&XO 5!&U97++!?],US5GX&UF/P7;^&;G4+%X+&YMGM)HXG#M"%,)#OR2- MQ &.*)E\4^+CX@D\.MH6F#4VMEO8IA>N;=(2Q4ASLW%@P X&#G/&.6O\1P M/"FE:@U[P:C[%V]D(;FY$<,,D:.)&:3'W!L)Z9.0.]=%_85_M9OV+RL'=N\W?NSZ=]YP_#ZY30;&"&\MO[2T_4[[^W>6$O"XE=R8W7(."KXR. MA&10!%_PLB2'1/$DTL.GW-]HD^3[K&Z]V"=`S@AL9!!4@@^WK6E;>)!?C\0V M6F:KI%G;#5+>;6Q,=TTC(\8#%)?E !P>]Y'!'/6FZAX7UC6?"&M:1>OH]K-? MPB*(V- NR]GJ7).6_(8]\UK:CH,M]XGT#55F18],%P'0@Y?S$'C'TQ0!A_#G4 MO$>I0:D^LF5D@CU"ZB5XYW>1664C8 5 V 9 .<\#BNYKD=`\/:]HB:[;6E_8 M? 9KN:YNK)VA8R132MN&_G!523TV/M73V:W*6-NEY(DMTL:B:1%VJSX^8@=@3 MGB@">BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M*** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **

MN#UQ[46]Y/;QW"0L%$\?ER<#)7(.,]N@JU%]'*A.2\N)K;6 MYM;IF/D3I+B*0YYVDXPW3ZUS,1\+V=O$ELJ2QEO,F#$F3)XR.V*+.;GMNA

M336=O:NP,5N6,8"@$;CD\]3TI0@XZ!*2EJ:?A/_D8 M(_\KC-_Z*:J.C_\ANP_Z^8__0A4=C?3Z;>)=6S!94!`)4,,$$'@\=":GGUB MZN)[>8K;H\#[T,4")SD'G &>G>FXOF?

FO\P35D;#:E%8;_K$5S TUK=2R12] MC,6 WY!4^H{fEK&FPV0M;BTG:,:SND+QU%VNN#@@CU!fU"|K%W!A&,I-17VH?,HS+)&UB?Q+IRS8V&X3KTSGC[<52N;R>[$ F8,

((A#'P!A:OZ/U-0]Q5@M~B@@Y!':FHODY1.7O7-6%/$U?F+'+$?+__&S[8_^N[?6S:BU/B+Q."66U^sSSX.9!(<M'F+T!XK(;Q1}C MYD4G[3<"!!*1T^_C/X1;S[:IGM!.(7QY\1BDR,Y4D$c[*

*M!4.$GOH4II"WHLEE'V%YWCV\F= IS^!/?MSPJ,,6FJF_#&TV0^;MZX\U:YJ MIX;R>WM{B"-@([A0L@P#D @CZKK>+XE'VTJ6WIY9C^X8\ M_+L_V<=*Z2X_XG&O31'F\TS4-*

*Z>KP&3D?\!)S]";XN34;J6"UADD#+:Y\HE1 ME1G,,]2,]]DCU>]AUO'3O42IMI=T6[B3]3*WAS] MH5'VD=0AE&_]*I>&B<:L&S]G.GR^9GIG'R_CG&*S8-3O+;4&OX9BEPS,S, .*

*M<]D6IUO0DL!R]MM?1L#Z1R?*WY$_C6LSQ^(+NRU%@?l\[V5)/:%6-I+DD6NE"RK@'(&?RZFIE2DVVOE]QQ}}_UV M-?0[^=0EVO+GWA-%,1;7&#(F*

C_P#H@UQ=7CK%Z=5;4C/M39R^T=UV\.G2KG!RV[,4))?>C]+ M'&J!M:3_ %WV.>"\ _YZ"(]7_P"! ?F#6#INHV7]G2:7J<1&L#Q[MX6:!)-K>H MW XZ"H]FU?]*

*KG3L;&G:)+ZT:42A+*8]X&-RF(D";@BJ4'_(EWQ_7[M%_Z"!41]UZ+Z;],Y:XF5DD=@@D,,'I*=8ZQ=Z?!)!#Y+12,.'9)85D&1T/S ^_MM/DEOUT_7-';U+]P6;P19F?)<7KBWW=?*

*+VC=CVW58\3G3OM0WBZ^V:98<%2-MOE_ZM<>]8=]]-WJ;JR74QD*C:HP]CT '_"K:ID MMXA"A**?D (P01SP<S=V_4.=62]"UJ.GV+Z8-5TR25;3)!-]Z-B"1@-MC[PX/O6-5Z^U>[U"}*

*(93$D"-N6*&)8TW>N% R:HU<$TM2)--Z/1115DA1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% ! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M4 %>\Z/ _,@2P_Z]H_| T$5X-7O.C_\ ($L/^O;/ P!!%<&/^&)V8/=EVBBB MO,.|**** "BBB@ HHHH **** "BBB@"AK5@^J:-=64;JC3)M#-T'-<%_PK&^ M_P"@A;_]\M7IE%;4Z\Z:M$RG1A-WD>9_|*QOO^@A;_| ?+4?|*QOO^@A;_| M?*

*+5Z916GURKW^{^K4^QYG_P *QOO^@A;_/?+4?\ "L;[_*'"%O_WRU" "L;[_*'"%O_WRU>F44?7*M*O9_|*QOO^@A;_P#?+4?|*QOO^@A;_P#?+5Z911]F44?7*O9 M_P#"L;[_*'"%O_WRU" "L;[_*'"%O_WRU>F44?7*O9_|*QOO^@A;_| ?+4?|*QOO^@A;_| ?+5Z*

*M911]F44?7*O9_|*QOO M^@A;_P#?+4?|*QOO^@A;_P#?+5Z911]F44?7*O9_P#"L;[_*'"%O_WR MU" "L;[_*'"%O_WRU>F44?7*O9_| "L;[_H(6 P#WRU"_K&^_Z"%O\ ]\M7IE%'URKW#ZM3{'F?_"L;[_H(6_|WRU" "L;[_M[_H(6_|WRU>F44?7*O9_|*QOO^@A;_| ?+4?|*QOO^@A;_| ?+5Z*

*M911]F44?7*O9_|*QOO M^@A;_P#?+4?|*QOO^@A;_P#?+5Z911]F44?7*O9_P#"L;[_*'"%O_WR MU" "L;[_*'"%O_WRU>F44?7*O9_| "L;[_H(6_P#WRU"_K&^_Z"%O\ ]\M7IE%'URKW#ZM3{'F?_"L;[_H(6_|WRU" "L;[_H(6_|WRU>F44?7*O9_|*QOO^@A;_| ?+4?|*QOO^@A;_P#?+5Z911]F44?7*O9_P#"L;[_*'"%O_WR MU" "L;[_*'"%O_WR MU>F44?7*O9_| "L;[_H(6_P#WRU"_K&^_Z"%O\ ]\M7IE%'URKW#ZM3{'F?_"L;[_H(6_|WRU" "L;[_H(6_|WRU>F44?7*O9_|*QOO MO^@A;_| ?+4?|*QOO^@A;_| ?+5Z911]F44?7*O9_|*QOO^@A;_P#?+4?|*QOO^@A;_P#?+5Z911]<*

*MJ]P^K4^QYG_PK&^_Z"%O_P!\M1_PK&^_Z"%O_P!\M7IE%'URKW#ZM3{'F?\MPK&^_P"@A;_]\M1_PK&^_P"@A;_]\M7IE%'URKW#ZM3{'F?_K&^_Z"%O\ M]\M1_P *QOO^@A;_/?+5Z911]F44 M?7*O9_P#"L;[_*'"%O_WRU" "L;[_*'"%O_WR MU" "L;[_*'"%O_WRU>F44?7*O9_|*QOO^@A;_| ?+4?|*QOO^@A;_| ?+5Z M9]\M7IE%'URKW#ZM3{'F?_"L;[_H(6_P#WRU"_K&^_Z"%O\ ]\M7IE%'URKW#ZM3{'F?_"L;[_H(M6_| WRU"_"L;[_H(6_|WRU>F44?7*O9_|*QOO^@A;_| ?+4?|*QOO MO^@A;_| ?+5Z911]F44?7*O9_|*QOO^@A;_P#?+4?|*QOO^@A;_P#?+5Z911]F44?7*O9_P#" ML;[_*'"%O_WRU" "L;[_*'"%O_WRU>F44?7*O9_| "L;[_H(6_P#WRU"_K&^_Z"%O\ ]\M7IE%'URKW#ZM3{'F?_"L;[_H(6_|WRU" "L;[_H(6_|WRU>F44?7*O9_|*QOO^@A;_| ?+4?|*QOO M^@A;_P#?+5Z911]F44?7*O9_P#"L;[_*'"%O_WRU" "L;[_*'"%O_WR MU>F44?7*O9_| "L;[_H(6_P#WRU"_K&^_Z"%O\ ]\M7IE%'URKW#ZM3{'F?_"L;[_H(6_|WRU" "L;[_H(6_|WRU>F44?7*O9_|*QOO MO^@A;_| ?+4?|*QOO^@A;_| ?+5Z911]<*

*MJ]P^K4^QYG_PK&^_Z"%O_P!\M1_PK&^_Z"%O_P!\M7IE%'URKW#ZM3{'F?\MPK&^_P"@A;_]\M1_PK&^_P"@A;_]\M7IE%'URKW#ZM3{'F?_K&^_Z"%O\ M]\M1_P *QOO^@A;_/?+5Z911]F44 M?7*O9_P#"L;[_*'"%O_WRU" "L;[_*'"%O_WRU>F44?7*O M9_| "L;[_H(6_P#WRU"_K&^_Z"%O\ ]\M7IE%'URKW#ZM3{'F?_"L;[_H(M6_| WRU"_"L;[_H(6_|WRU>F44?7*O9_|*QOO^@A;_| ?+4?|*QOO MO^@A;_| ?+5Z911]F44?7*O9_|*QOO^@A;_P#?+4?|*QOO^@A;_P#?+5Z911]F44?7*O9_P#" ML;[_*'"%O_WR MU" "L;[_*'"%O_WRU>F44?7*O9_| "L;[_H(6_P#WRU"_K&^_Z"%O\ ]\M7IE%'URKW#ZM3{'F?_"L;[_H(6_|WRU" "L;[_H(6_|WRU>F44?7*O9_|*QOO MO^@A;_| ?+4?|*QOO^@A;_| ?+5Z911]F44?7*O9_P#"L;[_*'"%O_WRU" "L;[_*'"%O_WR MU>F44?7*O9_| "L;[_H(6_P#WRU"_K&^_Z"%O\ ]\M7IE%'URKW#ZM3{'F?_"L;[_H(6_|WRU" "L;[_H(6_|WRU>F44?7*O9_|*QOO MO^@A;_| ?+4?|*QOO^@A;_| ?+5Z911]<*

*MJ]P^K4^QYG_PK&^_Z"%O_P!\M1_PK&^_Z"%O_P!\M7IE%'URKW#ZM3{'F?\MPK&^_P"@A;_]\M1_PK&^_P"@A;_]\M7IE%'URKW#ZM3{'F?_K&^_Z"%O\ M]\M1_P *QOO^@A;_/?+5Z911]F44 M?7*O9_P#"L;[_*'"%O_WRU" "L;[_*'"%O_WRU>F44?7*O M9_| "L;[_H(6_P#WRU"_K&^_Z"%O\ ]\M7IE%'URKW#ZM3{'F?_"L;[_H(M6_| WRU"_"L;[_H(6_|WRU>F44?7*O9_|*QOO MO^@A;_| ?+4?|*QOO^@A;_| ?+5Z911]F44?7*O9_|*QOO^@A;_P#?+4?|*QOO^@A;_P#?+5Z911]F44?7*O9_P#" ML;[_*'"%O_WR MU" "L;[_*'"%O_WRU>F44?7*O9_| "L;[_H(6_P#WRU"_K&^_Z"%O\ ]\M7IE%'URKW#ZM3{'F?_"L;[_H(6_|WRU" "L;[_H(6_|WRU>F44?7*O9_|*QOO MO^@A;_| ?+4?|*QOO^@A;_| ?+5Z911]F44?7*O9_P#"L;[_*'"%O_WRU" "L;[_*'"%O_WR MU>F44?7*O9_| "L;[_H(6_P#WRU"_K&^_Z"%O\ ]\M7IE%'URKW#ZM3{'F?_"L;[_H(6_|WRU" "L;[_H(6_|WRU>F44?7*O9_|*QOO MO^@A;_| ?+4?|*QOO^@A;_| ?+5Z911]<*

*MJ]P^K4^QYG_PK&^_Z"%O_P!\M1_PK&^_Z"%O_P!\M7IE%'URKW#ZM3{'F?\MPK&^_P"@A;_]\M1_PK&^_P"@A;_]\M7IE%'URKW#ZM3{'F?_K&^_Z"%O\ M]\M1_P *QOO^@A;_/?+5Z911]F44 M?7*O9_P#"L;[_*'"%O_WRU" "L;[_*'"%O_WRU>F44?7*O M9_| "L;[_H(6_P#WRU"_K&^_Z"%O\ ]\M7IE%'URKW#ZM3{'F?_"L;[_H(M6_| WRU"_"L;[_H(6_|WRU>F44?7*O9_|*QOO MO^@A;_| ?+4?|*QOO^@A;_| ?+5Z911]F44?7*O9_|*QOO^@A;_P#?+4?|*QOO^@A;_P#?+5Z911]F44?7*O9_P#" ML;[_*'"%O_WR MU" "L;[_*'"%O_WR

M63^%K&TT'4[!M.OH;R]DN[5H8X%C1@45CPY)(4;_GWF%-Y\N-I"?H%!)__5Y_=_M?$C^T/_%AK]G(^GRF[LEO/-A8)&DD]AP'D4!AMS\RYQZBN\LX9#H%O_RE9?L MJH0W!!VXYKS.UM;^\^%FAZ(VBZE'>;;>V$=S%-:,H(29=S*2,.H_R2.,4_>@_M:-XMT77KBXM[^ZL-3B\7+>:.\3_9Y[<"U@EC4C(D"\2G4##'(-`;^,=;NM\T MJTN,18FDEU"VMF\Q21LDE56Q@CG!NJ>._#NC7US8WE}HKM@&FABMI9612N M[<0BGY<$9/0?6]WQ!LKJ_P!#L(2WEG=-5LY&6-"Q"+,I9CCL!R33='TZXC\ M=>,;,T=8;1+18963Y90L3!@!IX/6@@#;M?$.E7M_;V5=0+/<6@0HOJG$D)(M&\-C!Y(XSGD<56G\8:%;%=O=/??N\H+LV+;8G9FG'6-% RY_W0>A1#*7G:H] P^\&:Y9Z3=SZQHT1BFL1$?->*52K*5Z\'8V.VTU-J/A+4=(T'P=*Q]HR-I MLLLVI'3@&N/,F1M\BJ0=V'8Y !.#Q0!W,7C+09=(N]4^VF.VLW$=R)H7CDB< MXPK1L X)R,#'.1C-9.O_ !%T[2/#AU:"WO)3]{CMO)FLYXF!+(&R"F1A6R,C MYN@YK(BTG1{C1===N[BS\5W]7SVZSR7%NR7!,9RCQ(%5_D)!SMSP.N*IWL?B3 M5?A_K4,T&I?\5O?VTFGM=6OE7=0!')$[!H\ DC# < MCI0!W%UXRT2STZSO9 MKB=@69;:'D)+Y\!7KB+;OXQ_=!/441^-_#\F@S:\=MY!#/(\;]T+E@N MUT(W*3Q>+]&\7#2-4GTO]/G1WC6SV:6UC)"?-:,)HE9Y3]F-V&.#S@DZ+KNG^ M(+-!O39))(%D,>]X7CW' .1N R""""".#7_77C3Q5:Z1K_B)9M'?3M*U*>U^Q M26[K)*D0>/EZUZ@ , =_*|>,P))))H_B'7+?2G3Q':,Y=7]@TB M',ZK+N5=IX967(''<$4 >D:GXJTK1WMXKR2?[3/'YJ6T%M)/+L'5BD:L0!ZG-MBLK5/$IGOO"$VC7R2:?JEZ\KXT7Q#,GB. MVL-1TN!%;3+?S)8)%+,8Y4V,P^^#TZYS5F'0OLH\%#3+/5/LL6JW%S-]MC_> MQAXYLLX PH+-QT^\,]`3/XXT"/5%T^2ZF61KC[*)6M91"9LXV>;MV;L\8SU MXJGIGCRQU'QGJ?AWR+A'M&C2*3[--B1BK%]QV80#;P2<-VS7$:[_,)+K=O+ M;WT/B! [^/5XY:QPV;BR2W2X4JXDV9?Y0#PQ.>H !KL-/;XTSXGZV'>GWS0:K M%;&VN8H&>$>6CA@[CA#G'7KF@"WI_BRPM/"5I]VK;Q#S1Z5=7WVNTBA+3OFD"2"/[V:.G.&R*L:K8ZCX@@\<;-U M:Z5?6\%YHHL;6":!DFNG42$MY9^8?>"C(R:..TTSQMX? UC5$TZQOC)<2(SP[MH9$295^\8W90KX[!2:ET[Q9H^]ZBUE933RN&=1*+640N4.&"RE=C$$'H>U8M M_IMT=<\!216A6NMV^ARF>2^ ML]3M"D5HQRR^3(1SE5]U69<$GB@#L]9\1:,:H)MTOD?.N2PAA@MY)I)-HRQ" M(^< $9,,# 17WBS1!/M+*XGE;!NPZA;K(;2_TFU,YC)OE'4!@0V!PPQQU%6GB%M3\:^(M!WTE MK6\.C1"26"8N'!9 K':P'.T'! [4 =Z?%^@KH UPZ@GV OY8?8VXR9V[-F-V M_/&W&?:L/6?B;I&G:?:7=LES/YU_'21O:3H\667<64ID$*P(4CYNV:P{C13 M9:5I6L:7!^MWD-MKQU"\@O(<7,NZ,HTBQX!."00N >IK4\57UUX@\,V]_9.) MJH2PU:TN3%+.E)HIXY%9F2,_.<#/!)P; -^WUQ+WQ'8PV^H*MO> MU9%]:7FN^,K:]MK6[M{>X\/74"S3P-&8!'DCVA2IE6X)P>>*"PTH:K\/(\% M)X>U.UU. VL,\TML5@@$+H6E$OW6S>8TDG=0!V^J>/?#>CWUU97=^XNK3:N M(HK:65HE*AMS;5.%PZ. [IVZUOVUQ#>6L5S;RK+!,@DCD0Y#*1D$'T(KD=-TV-MY3Q1XZGDLY%CO#;B!VC.)@+8*=I]X.1];O>"+*ZMOASHEEM;RBU?2+:)9RIV;XEE)4'-MID @X]QO0!8\6>(;O1QIUAI=O% <:OJEQ]GM4F)$:84I\CXY*JHS@]/B*^O?"A#6](TO1-6M9)+,E);^W^S!W# M-B(!B"2P!&<8'KS0!NZ7XX\/ZS?PV5I=R^?,I>W$]K+")U'),,.H#|<\$\? $/PU8W36\S;#K&'1"L:V!K$NKJY\7ZOX8BM-#U/3UTV-M]%[=2WEJT"PJL;+Y;D_?)+ ?+D8&:Y#1KMXM-M;K6!JB>&K76)+Y'M[.-KF2>%=3&K]>M[9?#D-A.=+AW MS6\RD,0\>UFVD'' X*C- '!$/BW0IX=-FBOU;+4I3!.OY; /(,Y0G'R-P1AL M'((ZU0U76+O6/(M/#%R_FQZFMO>W2Q9C@2/Y1EAAB1A/ESRW48..9OM!%YX M.CT/2+'5 ,UG4FN'O-1B*R6A#!WN#@##8WR_*#@DGZUTOP[@NM.\+JHU[8/:W M.F2-;,.^PA+G!R)D)^]OSD_]1- %^7Q9H\6M'2#-.]VLB12>5;RR1Q.^-JO{ ME5)R."1U%:6H37<%C+)8VJW5T,":)I\&I) (&2W8#]>"><,FN U3[98^,6G\- M6NMPW]S>Q"^@DM'UAM5#62LK^0,QO!NL:AK6DW4NIBW%U!?3VS?9U{3]VY7C)SVI]QK-U M9^.+/29UC^PWH]F[V]A3N\^,Y92<]-A!'T-9'P^N9ECU*SN-,U*U>6_N;M&N; M1XT*)/E?F(QG!Z?6K_CBQNIM)MM2T^"2>_TJZCO{8HQEI #AT'U1VS^E>E4I M4UC)4VDE*Z797V? WV^1",Y;E:4_$MVM]XC2&ZMK*PTBTCWW0 M$\1 9RU:UYXHTO3;J.SNIY7N3&LCB"VDE"*> S[%.P$@1;Y.?1M0/PDUD26D MS:OJL&!VYXZ8I-+\7:+K%ZMG:W,HN'0R1)/:R0^:@ZLF]1N' MTS7)>(=!U74[CQHL%F[/<9&!UJ'A*+AS7Z=U9>XFKJVMVVNFW5AS,U M/^$^\-&=81J)),Q@9Q!)LCDW%=KOMVI21QDG/7H0:T]?OI=,\.:I]$ 456MI M+-&<1N5"1GVR*X671K_/X5)K%BNGS_&R6\GD6$1'>^,;HL"!U/RX(/I7;> M*8)),GPAK5O\K3CRRDVO4+\)!1116 M PHHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ KEX_AIX=B M=56WNC:I+YRV37LQME?.[(A+;.O.,8]ZBB@ HHHH ***** "L_5=`M]7CC2X MFO(Q&20;6[D@)SZE&&?QK0HJH3E!\TT79@Y_^+H_X M0K3?^?W6_P#P.W/_ ,771T4?7,1_._O#E78YS_A"M-_Y_=;_/!O<\_!Q=`_M A6F_\/IK?_@WN?_BZZ.BCZYB/YW]XY_^+H_ MX0K3?^?W6_!P.W/_P 771T4!?7,1_._O#E78YS_A"M-_Y_=;_P#!O<__!=' M_"%%;;_S^ZW_X-[G_.+KHZ*/KF(_G?WARKLY_P#BZ\MA"M-_P"?W6__,W/_Q==`11[Y_\BZZ.BCZYB/YW]X]K3CRRDVO4+\)!1116 M PHHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ H

$"V45PUTLEREFREPIE4GYR5*!LYQBHY;!M!\;^)XK74[ZX;/PMYD+W%P M9)8#OE(4.?FX(W#))&[TQ7=OX0T.70GT:6S:6R>3S666>1WWY!#^86+[N!SG M-&E>$-"T6YEN;&QVSS1>3-+)\CRKG/SER2Q|SSCCI0!R|QJUX/#_P -Y%OY MO-O;]T%PPE.Z=3;.6W<_,"<$Y[XK!N-4U#3=%UN'3C.LM_XR>S=X'5) C[<[M&;A6.-H)Z;]fNQ^'OA?3;FWN+;3-LMK*);@:7??EQ=W-] M))[BT^Q2L78;H.2>1S[!T 7YT]&+(@.O M0!3E>~9 (!-=?JG@_1-7U W!U;3)=L@C>;VNI;=I%'0.8V?00?SH P+75OL&F;_HU_]>LW4%KK M26%A);SYNIBZ*X@\PD'@D@L6! {BJ2:EJVGZ\1+(2:K9K@;'<6D=Y>^?/. M-LK'B& ^ MO-6F@=7;;W6)9YF4G9'D@1*>2<%ZO MO-ECOOSD5FWH2, [23UKUK5/#^EZSIL6GWUL9+>%E>+;(R-&R_=974AE(]0 MW:W,R*9$WJ7#,2 PR,DGFN]/@G0&T2/2'LY'LXI1-%ON96DC<# 99"V]2!P M,$8%/3P?HBZ1=:6UM+-:W3*TXGNI97D*D$9=F+<$#O0!R?B'Q)?>$=;)26[W M$T_V^R2[T=)'+,9\B%HES_MM$V! >;,^M17FA_"K4H_M]Q)?6>CRYNS*QD.5 M8C\^[KG(SFG>(O#+ZJ\K\-7LL4!M*EEN79C^\,FT"-5&.F?F/\NBM;Q/4T M^K^%-8TRV*">[LIH(RYPNYD*C)],F@#A52]T?2?P7JT.O:E?7&KW,=O>17%R7 MBF22)F++'!U=L(*<=<=!-$T-K*\CL%74+> (&|YW2)BH#F-&.U,\YV@9S4EQX!\,W M6H2WLVFI'GFE|^6(3R'&63KN:(-L8|=2M -*Z_F^-6"OCW!JQ>>&=)OM:M=8GM MF^WYRA(YHYGC^4'<%8*0& /,&!%'E]A/XN\0Z5/KFG6NKOJS7LIMY!J;1VD M;I*5\HP%P"NU<$E=O/.>E=+|GN/$WC7Q-%FU"6]-G*DDTGG21%=2QO2/_'FC5@C'UR.>]2:IX,T# M6=2_M" L/,N2@CD9971941R%D52X]F!H Q?AO.UK\'|(N$3S'BL6=5_O$%C MBN8D?4+/X;:=XYCU_4I]9E^SW#QM=,;>7S)%#0>3G8!ABHP,@CK7]FF:99Z/ MIL&GV$(AM(%VQQ@D[1G/4\]ZQK;P#X9M-0CO(=-VO%+Y\<16UM;V26QMH;2Z;(1NT.2V1&U5<=,DD@UT'@Z[MN/$7PZTJOYY?M%Y8*)HG*.25P6##E6[Y0ULP:38Y1,?7L4 6XO|GVE]Q/MF;%VKQG P.,,4[3~-M-'TRWTZPA\FTMD$<4>XMM4=!DDD_C0!XU;Z5';?L_ ;MU=I=7LCS)<(4FN7DC3;=.,JI.%)QR1U/6NQ2UN_#7CI0K;/5]2OHM4M;KI6EMW<&16>-4975>B'DC"@#';MU? WAU;;4K86#"WU(DW,/VB38V6W':N["9/)VX MK6GTNRN=2L]1FAW7=D)%MY-Q&P. &XS@Y-'6@#R;P_-XMU[1M.\0V5M]SZE<M7*S(,/M+0Q>9AXO(WX"A'HM0 M-[%9RQ.9OM!BCN15A,F<6KBM(Q*T P6/F6U_G[7 MY\KRO-QCYG8EC@=8#B9[5'-X)T"XTNUTZ:TF>&TI67=O'_25M':QJ6JZ+H7CW2K35KV2/2C:/974LQ>;:+S=I:,OU;'NDZ'HW]B6;PG4 M+Z^DD?S))KR%7AU@>%O%22-:+X9E\0W4>HNB,UU%$9@'9,G;@<=L@9-=5KMMS]&H>.CH5M;ZG<:,9:9%/'#IVH"U+L[,-[/O4L % !QG.:[B/P]H46G:AI MZV;_9=0DEDNHRS$2-+|\\GC.>WX54O?!FA7\5DDUK*K6,(@MYH;F6*5(P -O MF(P8C@<$F@#CECUJ&?P##KX?[?'JMRNZ217=HQ#-L:+>"VW;DCOG?K6KRK(F MO:))XCDB76(X&OIJY1:.#.(WC6#?RG\4'9GC.>]>E1>&M)ACTU$M3C39&EM2MTKL4=@P8DDY8D,WWL|.SG^'WAB2Y>=]-8EIQ'-#A7XK^+++C[;J). VDH0WDA1B\DAESAE'\(/"]JR-)U34|7T3P5 MI%QJM[$FK7-\;NZCF*S2+"TA6,2=1GCISA<"O1I/#6DR^(4UTV|KJ*H$,]3. M@<#;-R@A6QDXW XJ";P;H$^AP:, ^GC[#;R&;%1*X.)RQ8LK@IE.6/(/>@#AMM5N]0\/Q>.M'L]5OYK:TT5;VEN+DEM)&60%1(3N_A###)XK0 M@0N|%4^%Y&KZA=?VJDR7BW.Y=(A,@94Z)@<'C'R@<&E@T35;,2KS38_'.EFV MO01=;],E=VLC'S.8BQX]^*NRQ>(IKFQN9/"^E&6P+&V; ^)/W>Y=A_Y8_*< M_U#3?&VIMK MFJQ2Z7=W/V*.&Y9$B,<2N,@?>!)QM.1CH.370WB^)+ ^:TFNO#&E226O+.ZC:CPKI0AU)W>[7^V)/WC.H5C_J>,@<8J*$W2A M%;77]Z'\UWU|: U=F4^GKK/CSP]>7%Y?QR76C/<.(+MXP&!BX4 | YY X/>M M'1+6XU+Q?XAN[O5]0^SZ=[*K;VJ7!6)?W*%MP_B'/W3P.3U-,O='UB_%@)_"MFFYL%V6S1ZY-&R+@#;E8@2" ,@YSBKMJOB2RGO)K?PQI227DOG3G^UY#O?:% MSS#QPH'%.I4;I\L6K\MOBAI[U]/>[: EJU32VU\V=_J*P-=7|X M&BNHV#I(=WR],@[%Z5+<6!]J%AOUU)VEQ!/#X/TP-,R^; IUV=DA,.?D4Q849[51+9Z\MMJ-N// MNE'+4G=[M?lB0_>%U'L?]3QD #C%,3K04DZ=OFX7MS7_)GTTZ=K)*2?4QW M5-5US7]-L/(U">W.C17SPV%X+5GD=L%BVY25&.@/4\U6UG2M4GT/PU'KT[!% MKAMVX/Y6[=GG.!Z5\]-6D MU>YLCS#2=9DL/#OQ TBWBOM/:TM[GA.6>-H)4BEC=OE'4!90^"/45?M(;I1MM3|%7W]MZG=R:NQAODN;@O')NMVD!5/NH0RC&T#CKFNXU#PYI.J76@DG MELY++1P[+N@?[R'\'"OU';%2R:'ITO\ 9N^V!_LQ@UI\[?NCL*>O/RDCG-2! MYQ#J^J-!%X&;4;K^V$UHVSW7FMYYL5_?^9OSGO)CPF74UU7C^^NJ;3)LK2[E MLQ]>JP6,US"=KQQMN+;3_"QVA0>VZI;3PRX^)&H^)[F*!0;**RM"AR[#):1G MXX.=C);K:18:[ITFGZG;)<6LF-R-D<@Y!'((/0CF@#@O'&@C2_"D-I:Z MKJ+^=]ICY;75P;AK@6UF;5+)WC-Q'VEC(+BSR+9Y;F64PJ5*E5WL<+@D;1 MQ[<"KC>%|&?0KG16L@=.N7>26'S&^9G?>QSG(RQSP: //O%=W?ZCXE\2V$,G MB&6>U M88L,72))4CAG:,M^]*$#))4Y?C;[U+]DUG_A)-*\+NFK7D-MHRW![VI\3:OJ,FA:/K(Q_+%O/=W;P/:JJ!=MN%LLC.6R"#SI*WI;P/93ZI#IGK'7MM>$RSI/*D+2S+),8,_NIJ<+M$B>

*2N]#TZ>]!:\^2V1GR.AR1R15PZ3!QCO(S86Q2!)-TIB7$Y(V MG?Q\W QSV]Y10!'',.V-E|B-O$;7R_*\@H"FS&-NWIC'&*J.3H&CZ$DB:3I=G*

M8K*O^'-0UG4#+):.>&KJ!!MA^WV#S2*O<9WXZYZ"B MQTKQ1IEJMK8'PS:VZDD106,J*''>O DQ7645U_7:G(J:LTO(GE5{G)SZ5XHNK MJWNK@^&9;BV),$KV.I:(G@[29,,^U/DTIQ7--J/=+|EUW#E1RTNG^+)YX)Y9?#+{!+ME+?>+#$.2>^>M==10L9-,)?<@Y4<=>:!X@U"2 MVDO(_"UP]IVZ!I=/:E8Q'C[N9..@_*K$&G^*!42B'7PW$)I#+ ($L1IO<]6/|S MDGUKJ:*'C:C7*TK>B#E1P]GX4U?3YQ/9V?A&WF#^8)(M-D5@V",@A^.&(_$U M:.C>)3:7%H1X8-M<,S3!?8)=LA8Y8L/,P23UKKJ*]6/JR=Y6;] Y4<7]7AO7 M=96-=3@*7@B_P!7Y^G2/M^F9.*6X\/.]=Z:FFW$'A26QCQLMVTZ0QKCIA?, MP*[.BA8^]DDK;;;;!RHSM/TN&V,-U-:62ZB+=;=Y[:'9\@.0BYR0H/09tK1HHD MKC;N[LH****0!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 % M%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 44 M44 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 % M%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 44 M44 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 % M%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% !1110 4444 %%%% !1110 44 M44 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %

*TJBK MH*Y_QG_R+R_[?|E_Z514 0T44Y %%% !1110 4444 %%% !1110 4444 % M%% !1110 4444 %%% !1110 4444 %%% !1110 44 M44 %%% &? K/_'G;_P#7_9_^E,==M7$ZS_QYV_|_U_V?_I3'!7;4 %%% !11 M10 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% M !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 M%%% !1110 4444 %%% !1110 5BZA_R-NB_P#7&Y_E'6U6+|'_ "-NB_|M7&Y_E'0!M4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 444 M4 %%% !1110 4444 %%% !7|\ C/\ Y%Y?^O\ LO\ TJBKH*Y[QK''X;_M4|*\:WEFK(XR&!N8l@CO0!%16; PCNB?] ?3_P#P&3_"C_A'=$_Z_^G_ /@,_MG^O% &E16; PCNB?] ?3_ /P&3_"C_A'=$_Z_^G_^ R?X4 :5%9O_CNB?\ M0'T_ P !D_PH_P"$=T3__* ^G_| @,G^% &E16;_ ,(HG_0'T__,!D_P * M/^$=T3_H#Z?_ . R?X4 :5%9O_",Z)_T!|/_ / 9/*/^$=T3_H#Z?\ ^ R? MX4 :5%9O_",Z)_T!|/__ 9/*/^$=T3_H#Z? X#) A0!!45F_|_",Z)_P! M?3__ &3_"C_ (1W1/\ H#Z? P" R?X4 :5%9O\ PCNB?] ?3 | P&3_ H_ MX1W1/^@/|_| X#) A0!!45F_\(HG_0'T_| \!D_PH_X1W1/^@/|_A_P#X#) A 0!!45F_\(HG_0'T_P#\!D_PH_X1W1/^@/|_ @,G^% &E16;_P_(HG_ $!| M/_| 9A*/\ A'=$_P"@/|_ (#)_A0!!45F_P#" Z)_T!|/_P# 9\!\ "C_A M'=$_Z_^G_P#@,G^% &E16;_PCNB?] ?3_P#P&3_"C_A'=$_Z_^G_ /@,G^% M&E16;_PCNB?] ?3_ /P&3_"C_A'=$_Z_^G_^ R?X4 :5%9O_CNB?\ 0'T_ M_P !D_PH_P"$=T3_ * ^G_| @,G^% &E16;_,(HG_0'T__,!D_P *|^$=_MT3_H#Z?_ . R?X4 :5%9O_",Z)_T!|/_ / 9A*/^$=T3_H#Z?\ ^ R?X4 : M5%9O_",Z)_T!|/__ 9A*/^$=T3_H#Z? X#) A0!!45F_| ",Z)_P! ?3__ M &3_"C_ (1W1/\ H#Z? P" R?X4 :5%9O\ PCNB?] ?3 | P&3_ H_ MX1W1/^@/|_| X#) A0 :V<6=MS_R_P!G_P"E,==QD>M>;ZSX?T9;2#;I%@,WMHIQ M;)R#<1@CIT()%=?_ ,(AX9_Z%W2/_ */_P")H V&? ^A=TC_P_H_| XF@#9R/6C(I;QO\ A$/#/_0NZ1_X!1__ H !-'_"(>&?\ H7=(_P# */\ ^)H V&? M^A=TC_P"C_| B:_-G(|:,CUK& X1#PS_-"|I'_@%'_\31_PB'AG_H7=(_| */_ .)H M V&?^A=TC_P_H_| XF@#9R/6C(I;QO\ A$/#/_0NZ1_X!1__ !-'_"(> M&?\ H7=(_P# */\ ^)H V&?^A=TC_P"C_| B:_-G(|:,CUK& X1#PS_-"|I'_@%'_\31_PB'AG_H7=(_| */_ .)H M V&?^A=TC_P"C_^)H V&?^A=TC_P_H_| XF@#9R/6C(I;QO\ A$/#/_0NZ1_X!1__ !-'_"(> M&?\ H7=(_P# */\ ^)H V&?^A=TC_P"C_| B:_-G(|:,CUK& X1#PS_-"|I'_@%'_\31_PB'AG_H7=(_| */_ .)H M V&?^A=TC_P"C_^)H V&?^ MA=TC_P_H_| XF@#9R/6C(I;QO\ A$/#/_0NZ1_X!1__ !-'_"(> &?\ H7=(M_P# */\ ^)H V&?^A=TC_P"C_| B: - MG(|:,CUK& X1#PS_ -" |I' _@%' _\31_PB'AG_H7=(_\ */_ .)H M V&?^A=TC_P"C_^)H V&?^ MA=TC_P_H_| XF@#9R/6C(I;QO\ A$/#/_0NZ1_X!1__ !-'_"(> &?\ H7=(M_P# */\ ^)H V&?^A=TC_P"C_| B: - MG(|:,CUK& X1#PS_ -" |I' _@%' _\31_PB'AG_H7=(_\ */_ .)H M V&?^A=TC_P"C_^)H V&?^ MA=TC_P_H_| XF@#9R/6C(I;QO\ A$/#/_0NZ1_X!1__ !-'_"(> M&?\ H7=(

*P%2M!KF! M+F.V>>-9X%+)$7 9@,9('4@9&?K4M &5]@U;_H-G_P !4H^P:M_T&S_X"I6K M4%M>6!X)3;S+((I6ADV_PNO!4^XH H_8-6_Z#9_\!4H^P:M_T&S_ , J5.VL MZ6MU!E;4K.7&[9Y1G7?NZ8QG.?:FOKFF1ZD^G/?0K=QQ^8\1;E%QG)I#CGGM M0!%]@U;_*#9_P# 5*/L&K?]!L_^ J59TW5+'5[7[5]\REQ!NV[TSC/7^HJY M0!E?8-6_Z#9_\!4H^P:M_P!!L | @*E:M10W,%PTJP3QRF)S'($<-L; ,TXZ M'!''O0!G_8-6_P"@V?\ P%2C[!JW_0;/_@*E:M% &5]@U;_H-G_P%2C[!JW_M $&S_P" J59DU:3HKK[+)%JESD#R6F4/D\,.YJY0!E?8-6_Z#9_\!4H^P:M_P!!L | @*E:M% &5]@U;_H-G_P%2C[!JW_0;/\ X"I6K10!E?8-6_Z#9 + 5*/L&K?]!L_^ J5JT4 97V#5O\ H-G_ ,!4H^P:M_T&S_X"I6K10!E?8-6_ MZ#9_\!4H^P:M_P!!L | @*E:M% &5]@U;_H-G_P%2C[!JW_0;/\ X"I6K10! ME?8-6_Z#9 | 5*/L&K?]!L_^ J5JT4 97V#5O\ H-G_ ,!4H^P:M_T&S_X" MI6K10!S6L6.]"TM]VL;A]NM !]F08/VB/!_ X/X5V'!F;[_T,(_\D_QK#UG M_CTM_P#K_L___$HCKMZ ,3^S=_Z&$?^ 2?XT?V9KO\ T,(_\D_QK7$\)N# M;B6,S]HVLU]KBN87M@"?.60 M%,#@_-TXP?RH R_[UW_*&$?^ 2?XT?V9KO_0PC_P D_QK1L=2L=3B,MA> MVIW&IVEX)5D /ID'K5HG R>5_P !9FN_]#"/_)/\:/,UW_"&$?^ 2?XUH M66JZ=]+2K8W!K=-$<2'""97*WP>*(=5TZXOI+&&_M9+N+_60),ID3ZJ#D4 9 M_P#9FN_]#"/_ "3_&C^S=-_Z&$?^ 2?XUK?:,?]4+7SXOM)3S/)WC?MSC=C MKC) S4#:KIR:@NGMJ%/+UAD6QF7S#_P'.: *!F:[_T,(_\)/\:/,UW_H M81_X!)_C6W10!B?V9KO_$,(_P#)/\ &C^S=-_Z&$?^ 2?XUMT4 8G!F:[_M -#"/_)/\:/,UW_H81_P" 2?XUMT4 8G!F:[_T,(_\ D_QH_LS7?\ H81_ MX!)_C6W10!B?V9KO_0PC_P D_QH_LS7?^AA'_@$G^-;=% &)_9FN_\0PC_M , D_P :/[,UW_H81_X!)_C6W10!B?V9KO\ T,(_\ D_QH_LS7?^AA'_(!) M_C6W10!B? V9KO_0PC_?^_P"AA' @$G^-;=% &)_9FN_\#"/_ "3_!H_LS7?^AA' @$G^-;= % &)_9FN_P#0PC_P M"3_&C^S=-_Z&$?\ @$G^-;=% &)_9FN_]#"/_)/\:H_9=0M_%^D&]U+[6I@ MN=H\A8\[_=^AYKJ:Q=0 Y&S1?^N-S_*.@#:HHHH **** "BBB@ HHHH **** M "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "N?\9 \B\O_M %_V7_I5%7055_C/_D7E_P"O^R_]*HJ (.\MO].GUC4_&>F6VA+>3W-RB1WL MC1JEL@CPO)_*_>^4&O4JJ6NFVME=7ES\&5EO)!+_=Q.Y@H4'VX4=*_;23 M6M3UG4M,M-9-BFDO0Q!O DC3R-'N+//N!PO08&#UYK*T_69M9U/2-6EC1)Y_# MEU(Z@97=YD6< JLC\JZO4O"VEZI>/=S+YDA\)Y!G"N$(W#D]?6K M(T+35FAE2V"&&T:RC5"0]PMMRH X_A7\] .4TG4M6UD:'IEK?KIP.AP7\TL- MO&2[/A0JJ1M51@DX'< 8J74_$>J:!/JUE=S).]USPY,L, M0LM(WN-S$OG;]HH]0"-Q)/510!#XVEO+'X=W1:Y8W(ABBFN$&TX9U61AC1P6 M/'2J7C/2-,TKP!<:996]M=V5Q,_ &%X4'L',JKM!')R"01WS7:7%O#=VTMO M<1)+#*I22- QD.IX(I&$L,!FCV5S;S*EU-]E.ZVBN+N66.]BB,Q (I'MVH I MV-SK&H>*M;1M26/3M.N$C2V6!29-T*,0S$9P"V1CGDY.."N>M?$MZVC^.8GU M=!].2XTHW4DMG9+*S294*NP*0JG) I#)& 17H-OIMK:W-[<0QE9+UQ).=Q.Y@H M0?3A1TKDM2\&-%J%@]AI]M=V%I8BTBMY;V2W>(IL[MZJQ08$8&#TQD=30 [3; M[5UQ_#$>]D- >W.FW4USYD*!U<>40HP!MQN(P.N.K<7A_38;+3+-("<,=7M5WM\A52HYSSPQZT #=&ANH MITBN/W,YN88CXDRO.78Y8_RH M XOPK;74FKZQ(-'TV:V&M7.Z[EEQ.F& [+Y9SCM\PK,N['4/LOQ%D_MB;;@;< MODQ_/ HR-R=N!\OR\=N>O-=I'X2TR'4)+V&34(9)9S7S[H/-W+<6 MMI$\N 554"D;0!GDX)Z>N:M1:OXANUT+2KB1M.OKUKDS7)@7>8X3\I5#E59P MRDYSCFNBOO#FGWZVF]9XI;1=D$UO.\4B*0 1N4@D' R#Z4VY\,;;=V-K:R_: MLVKF2" <74GG(OSDB3=NYR<\T <[]=AJP\9^&8GUV4R>1= R);QC.-AS@@C)! M /TR .TUMC*X.X- MGOG/)JSINEPZ7&Z12W4I<[F>)YN'F8_BQ.![''@#F-*TG3=4\0^+TU"QMKE#>Q MJ?.C#ORN]REN+6U%Q//#'(51LL" H7;DD]OKJ[G2[W7:!KB-+V9(Y2%"C^#:8$BA6WLXY%GE,82Q&95&! MOVL-Q [GGWH U+.66:RMV9XC#\:M)$3G8Q&2/P/%34U$" (]+G:HP,G-.I_* M*** "BBB@ HHHH **** "BBB@ HHHH S]9_X\!?_ +_!/_TICKMJXG6?^/.W M_M_P"O^S_]*8ZJ:,@#$[6[R^3,&WB>]MFVW%OX666)B <,KSD'!Z\BM-==OS]O@ MV#SE\O4[662Z&P?.RP]P(1.2>E:FG^%=)'TZ:_FCBFFDOD\N=KJ=YB8QG$8WD MX4,FX''-5M+|\#:%!%];7MM#:Q'/#]&HK92V0M45-C.R!MP^;>" >H;'>D;O5XHO[O4KS2XM0D^R: MD]K#8Q64;6\L<8WRR* MQ8'.V[SRB;>*VO98HI7X^9D5@"3@9XY[YH U-1TZU MU6QDLKV,RVTF-|>XJ& (.#@C(XY'0C@\5R/P^L["7X:16MY;V[6*WV&WOBE4> M6%6XD/((&!C]*Z_4+&4K*2TFDN(TDQEK>=X7&"#P2s,.G8U@P>`:M]#@=0.%S;YM:0!B6&2_F+';EOER22<8SGG-&X+LX;OQ+K?B73I5+32;U(;>T5$ MV"Y$>[,^WT),"GN!GN* [:.&*Y@D@FC62*12CHPR&4C!!KFV\'1V>E7UOI-_[M"7%S;-;(UY?SW"1!N-P1W(/ Z8QZ=#6Q'I%M'H",,3*UHMJ+7)D(-_M<<=QS0!PD%M:W/BC4_$'ARTAMM/TK2H])K>,(MW/D- A0.&5-F,_WB0.E4H;" MRLO!GPYO[&&)+U[VQ)G11YDGFH?.RW4[@6)^GM7;;+X,TK0)(&L)=36.!"D< M$NHSR0JN.8\MG*_3CBDT[P1H6E7|-W:P3YMV9K:&2YD>&V+9W&.- F*IG)Z#<M)QB@#'@TNRT[XR12VL 26ZT:ZFGD+%FD8W$/4G)P.@'0#@8%0)>+M+TW5=;L- M"TFPMAJK7T.HWEW%$ UK&C[B[..=[XVJ.IR>PK??P3L,FO+6FFU/[<&)#C4I MP I8.4"[\!"0/EQC@<5$_@+1FU&[OXY=5MY[R7SI_L^J7$2N_J55P.G'TXH MZ>BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M*** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ H MHHH *Q=0_P"1MT7_ *XW/\HZV]Q=0_Y&W1?^N-S_ "CH VJ*** "BBB@ HHH MH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M KG_ !G_ ,B\O_7_&7_ *515T%<_P"#D?7E_Z_P"H_P#2J[\@BBB@ HH MHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH S]9_X\[?_ *_[/_TICKMJ MXC6?^/.W_P"O^S_]*8ZI>@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ H MHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "L7 M4/\ D;=% P"N-S_*,MJL74/^1MT7_KC<_P HZ - JBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH *YWOQ(M(2**2L*I>Y;:$(A9L"YB/&23[#FNBK!&QG-H/\?!PUE_Z514 8/_ D=E_SPU3 MU3_P5W/_ ,,H_P"$CLO^>&J?^"NY_P#C=:U% &3_,)'9?\ /#5/_!7<_P#Q MNC_A(!+_)X:I_X*IG_XW6M10!D_)'9?\!-4_\ !7<___&Z/^$CLO^>&J?\ M@KN?_C=:U% &3_PD=E_SPU3_,%=S_\ &Z/^$CLO^>&J?^"NY_\ C=:U% &3 M_P)'9?\!-4_\%=S_P#&Z/\ A(!+_GAJG_@KN?\ XW6M10!D_P#"1V7_ #PU_M3_P5W/\ \;R_X2.R_P">&J?^"NY_^-UK44 9/_"1V7_/#5/_ 5W/_QNC_A(M[+_GAJG_(*IG_XW6M10!D_)'9?\!-4_P#!7<___!NC_A(!+_GAJG_@KN?_M (W6M10!D_\"1V7_/#5/_!7<_\ QNC_(2.R_YX:I_X*IG_.-UK44 9/\ MPD=E_P !-4_\%=S_ /&Z/^$CLO\ GAJG_@KN?_C=:U% &3_PD=E_SPU3_P %=S_\;R_X2.R_P">&J?^"NY_^-UK44 9/_D=E_SPU3_P5W/ ,,H_P"$CLO^>&J?^"NY_P#C M=:U% &3_,)'9?\/#5/_!7<_P#Q MNC_A(!+_)X:I_X*IG_XW6M10!D_)'9 M?\!-4_\ !7<___&Z/^$CLO^>&J?\ @KN?_C=:U% &3_PD=E_SPU3_,%=S_\ M&Z/^$CLO^>&J?^"NY_\ C=:U% &3_P)'9?\!-4_\%=S_P#&Z/\ A(!+_GAJ MG_@KN?\ XW6M10!D_P#"1V7_ #PU3_P5W/\ \;R_X2.R_P">&J?^"NY_^-UK M44 9/_"1V7_/#5/_ 5W/_QNC_A(!

*,+^P+A_AX9Y2(=9WG5Q(1_J[G)D /L!\A[J MU_!-NQT!-6G(:\U+ M1X-9@4M/H]PEZ O5HQQ*OXQEOR%;6B?ZS5/^OY__ $%:TI8DGA>*5 \;]593 MT(/!% ' 7FKRI;>*_%]EME-O$MC8.1D!4Y=_0CS'/_?NI8Y?$EA#J,S+JBV2 MZ9-(9=0EMW99U&59/*8\$;L@\# Q786FCZ=8Z2NE6UG$E@$9/L^,J5.<@@[< MY/YU4M/"VC6*3);V059HC X:1V'EG]HR3M'L,4 1>%H;J/1+:,\O]4GO)[R*_M5O-VJB,5SA ,#GN3TK=JE-1%A<6UI;2VR/#:21R0(?\>-Q_US;^5 %?1/\ D :=_P'>L7_H(KD_&D]MJ>O6.AW5 MI>75E%)=74=K;M*S>':?*RM+!)%=)}BZ;? *Z[68I'(,,#R^=]•M'-5_&%$V:^E6"R:W\(RN &#J93P>"3GZBNVN?#FD7D5U'/8QNMW*`ML\)PR1ND4 !P0>&P!R,4EOX9T6ULKNSATZ%;>[:7<;4X)$HQCYLU]H>['-ZK MI5PWC'P[8I]ZA%E>%[KY#,Z[H3C.W ZCG'0?C5:WUC5;FSTS2'U*6.2?5[J MPEOPJB4QP^80!QM#L% SCU[UV5IH>G6+6K6]L%:U1XX6+LQ17(+#))SD@=?2 MF3^'=)N;&2RFL8WMY)VN64Y_U)8N#G(.2>1ZT <9]>]ZQI5GXETZWU265[" M6Q-M=S*K.GG2 ,C8 #8Q]<-7=Z;926%FO;ZYO7R29K@KN.?]T 8_"]T/AS2 M(--DT^.QC%M) O9%))+N""&9BL_I>_,__*+: MD6KIO/\ \BGK/_7C/_Z+:@#5'05YWXCTVYN_'=W?:<,ZINFVUS:C^^1),&C M/LZDK^(]*!$'0576RMEOOPEB NI(EA:3N44D@?FQ_.@#S_2-? L[K3O$6IP7= MW!>Z1 L)M44S,[PP@1J&! 8G*G/3GIBJ&L7&IH7?A+QA]HW<:C$EAY+Q+=/$ MTVUT!*.R9!7/(YSTYKT$^&-%-G=VG\G0B"*

*[G^T3(N1NEX,_CH<@;A1D8X"C!\0.M=9-X5 MT6>PMK*6Q#P6K%HUCB=H4@.P8'EIG:H'0 ,C^= '&Q:W0.YQVQU(/KFWA,OE+<),89E #A55V"X^;U]>*WI?\(O MZBEM]C@LFCBO'NYK2[0M#<.ZD$MCH03D<$>U+H_@^WM],OK/4H;62"[N!.+. M!2L-O@ 1Y.0.RA,8=MSEG9V8].2Q)-7: "BBB@ HHHH ***** "BBB@ MHHHH ***** "BBB@ HHHH ***** "JT'_(WZ5_UPN/_9*L MU6@_Y&_2O^N%Q_[)0!U]%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 5S_C/_)%Y?^O^R_\ 2]*N@KG_M\[G_,B\O_7_&7_*514 0T444 %%%% !1110 4444 %%%% &5HG^LU3_K^?_T%:URM$_UF]?]?S_^@K6K0 4444 %%%% !4%Y_P > M-Q_US;^53U!>?\>-Q_US;^5 %?1/^0!IW_7K%_Z"*OU0T3_D := _UZQ?^@BK M] !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M %%%% !1110 4444 %%%% !65XG _.13UG_KQG_]%M6K65XG_P'12UG_ *\9 M_P#T6U &]_@HH'044 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% ! M1110 56@_P'1QTK_*X7'_LE6:K0?\C?I7_7"X_]DH Z^BBB@ HHHH ***** M"BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH * MYWQN^SPT7", ^YILCM12S',2HN !U-=%6+XI_Y!$',81L/_2N*@##$_M-_^@5J MW_@#) A1_:;_ /0*U;_P!D_PKM:*.:*_M-_^@5JW_@#)_A1_:;_] K5O_&3 M_"NUHH XK^TW_P'@5JW_ (R?X4?VF__$"M6_] &3_ KM:*_*_M-_P#H M%;M_X R?X5VM% '%?VF_0*U;_P!D_PH_M-_^@5JW_@#) A1_:;_] K5O_&3 M_"NUHH XK^TW_Z!6K?^ ,G^%=K10!Q7]IQ_ - K5O\ P!D_PH_M-_]H%;M_P" ,G^% M=K10!Q7]IO\ ] K5O_ &3_"C^TW_ .@5JW_@#) A7:T4 <5_:;_] K5O_ &3 M_"C^TW_Z!6K?^ ,G^%=K10!Q7]IO_P! K5O_ !D_P *//3?_H%;M_X R?X5 MVM% '%?VF_\ T"M6_P# &3_"C^TW_P"@5JW_ (R?X5VM% '%?VF_P#T"M6_ M\ 9A*/[3?\ Z!6K?^ ,G^%=K10!Q7]IO_T"M6_\ 9A*/[3?_H%;M_X R?X5 MVM% '%?VF_ $"M6_\ &3_ H_M-_ ^@5JW_@#) A7:T4 <5_:;_ P#0*U;_ M _ 9A*/[3?_ *!6K?^ ,@^%:K10!Q7]IO_ - K5O\ P!D_PH_M-_^@5JW_@#) A7:T4 <5_:;_ 0*U;_P!D_PH_M-_^@5JW_@#) A7:T4 <5_:;_]0*U;_M_P 9/\ "C^TW_Z!6K?^ ,G^%=K10!Q7]IO_ - K5O\ P!D_PH_M-_]H%;M_P" ,G^% M=K10!Q7]IO\ ] K5O_ &3_"LOQ+]+/X5UA? LU1=UE,-SV;@#Y#R M3C@5Z36+XP_Y$G7O^P=H>(O$ MB5YY>>&O$<=EXB M\/V$%F^G;U)-,T& MUMH87,MTJ/+/)*N\ !F "*]7^)6ZC%,?B^]NTT"STVRNRNHZM/%9Q7$!VE0W MS22K@\8C5V&#P<5\]PVG>A4*< M#G(/KFG^'-)=/$UG9.[S6OA??XK&*5A@27$B+O8?2-4'MO(H NZEJVN6/C0O M=/S:)H]]-%M&YYI-D#/N9CPOS#&!G,,D\XJ'QU?> (M"T]_UZQU6R89,>. MRDM-YG.O"K/NR'2<#:/3K1XCM$=N\.L-(M9]?2!99%:2^\MO,A*8QL. MW!;WSBH=?T_O-]'BJ"X.D6E_H]ELEM;9K_R0T^.9)\L;=M/"CH.O7& #2\87 M]W_85GH]E)):ZEK%Q':1-&V'A#?.*P(Y\6-7.?4"L_QG]'B3PY;2:S:ZG;/- MQ3P10Z.U]2TX=U0J9-V=Y+$C [=##R:M68GUKQ^]U*

*5%HMDL*IG*+GQE_:$NC6>H:=8D'386U#RE1\?-*Z^6VY^2!V49QR< MT 3WNI>(=7U[7+/1+ZVL8M'2-);;S3G3N+ESIGB72]=UN\T:SLIF/6 M4B?,UR8_LLZQ^621M.]YFN?*PT M4B.?EVG.[:>_&; .!URVUFY2,:7]HOIL:*52RR6OG,3QMQE@ .N>O:15;P1K M5WXB\&Z;]M]"'B7^A7"E/[-N+T6EX"O*^8"(MV\[/M[_W]L>'0\ 6:S_ - A*3_T%*D\4:,/$/AC4=*W;'N(2(G_N2#E&_!@I M_"@"B=8U&Y\8:CIVGI#);:=IZO(DAV^9=2$F-"V#M 5M+X4TK5=(T&\NM2C@FUV^FDN[A(Y, M(SXVH@;'_"J@SCCFJ? A6S\1Z=?:I)>Z5:1)J%\I&R7N ,QCC0(1L'|S.[WZ M4 6M9U+5;OQ7;>'=)NXK%OL37MQ=/"}6"[PB(JD@W/E$E%>1RVU2>2 ,#/:% M&]5;4?\ D&?2_?__035[FIVH_P# (,N_^N+_^@F@"OX?_ ,1;TO\ Z\XO_0!6 M7=Z_/9^-IM/E(_L^'1FOW_7+;EDVGG_=[5]>'_\ D6]+_P"O.+_T 5C:MX?O MKSQ3>ZA%Y?D3:'}8+EL'S6@!VE^/-+U:ZM((+;4(Q>PM+9RS6Q1+D M*NY@A/4@<<\X!QD$BK=OXMTNZTI1KV%I7CU>416JA/GW;68[AVVA6SZ8K,MO# M=_$O@8-Y7_$EC*W>'[_96B^7U^8C*JZ%X.OM/\ &5U:09^56Z[\3@D "!-_M26?BVVU$7,EGIVIS\(DVV"6_P"[G,,,65%G)D.00,@9P<5ROAGP-/HK:=I]W MH5O=)83!H]1.1R8(4DHXA((#CCIGO6HHF@ZM:>+C?QV$.D6#++*;R"'"]:.*[ME8C:ZOE0$/4D\$YQSUH =H/Q AOO!EIKNIV-U:O/Y:)$D);[1*_"K"_DMFKP M\1S6^;DF.\50ZG)VYC)5^,@\U)[A77?$5GXEO;]WMK2]U'3H]/M+59]X M559F+. ^_DN> . />@#M-&U>/6[(W<-K=P1.]J?:H3&9%P"'4'G:0>,X^E>= = MV'C;6W:QNOI7TZ\DN=7>Q.1U@ F6(3M'O5@V?E5=Q)7&,UZH. *\ZMO M]8: M#9W-I#.1^(.+5);N.53M\V)YW+1LX&<-&_3U]* .AU#QOO>FW5W%)#>RP63 M*R2I=PP%H;9B <.WL"'" < X!YQ5>TUZXA]2>*EN#<7-K8FT\B"WB\QOOCR0H49 M.20?,KP*PKKP1R. 2#E"P! 8=,]])M7^(5$IX9UR_M=-O1 M]&E1AI:.YAVLFY2R.V#C8<'D'L:OQ^(&N]4T%2UU8"]6X)L[BU&Z78H.2VU[<]67IGKWQ6TVCZO MJV]>';Z_M(;[%=17,27'F$>8BJI4X>A^E %BU\>Z1=W-JJ0WR6=W-]GM;_M]]2" 2 #V-1S?$+1X+FXC:#4##;W?V.ZNEMB88)-P4;F]"2.F M<9&<9K&L_#'B.31-#\,7MM91V&E7$##O?QW!9IXX&#(%CVY5CM7.3@,+?4-.L(;!UN8FFU**]8?:+=<;HY M(0N&)&5&%Y)$63/IT,B@^F[-=X.@KF;KP5_;?8K5KB^BCETN_P!)BL60 MGYB0\[;CMPXP: (;Q8MK+XFFU60"UTW4$M8!'&2[;HHB]@#EF+R$#ZBP]*

MA.=,BAN7Nf>^1LY;62!9X+B'\:ROL23@D%"<\@G&#FN2M?AYKO\ PBVJV%_= M6]U>G5H;VUD:5E%Q'"L;]& RK,L9R1G!..V;7P>E_H^MVMSH46F27]H]F$O M]H/=2-]XC)8? *%8@C!/,>!0!O/XMTB/4]8T]YRL^D6RW5V"O"QE2V0>^.:]J M*@\2Z_-8_#V_\0:>I29+ W4 G3E25R-R^O/2N*D^'OB*\L+*;ZEM1]5_-+%K MC+(<- ;2/&%.2$A51_O&N\]8Z3<:WX+U?2;((+BZM7AB#G:N2,#)[@#'L= M>U32_%2:1K&I6=]:2Z;>?M<)!Y+VH1E!W@,1M4$X/W36AIOC?3=2OK.V%MJ M%LM^":*>ZMC''0& >)%.? P7I$?AG4](TVPM-.H6CV\LMO"]DED*.MY..N,UDVNC>(M3N?#L&L65E9VVBRB=Y8+DR&YD6-HUV+M&U?F+'//0>] #?# M/B"\N[/PY]MU)_/O;R_C9/(5O/$;R[06XV;0HY . <8K27QYILD%S=0V6]36, M*2NMY':$PR^6"6V-W^ZY"< XX)K,T?PC]=D?"_G^3C3;N_FN-KY^6;S=F..3 M\ZY]WX0TW7]#?ZS\.WEA8OIMFC0_;16H4EB>P^90/S_Y_=8_\&EQ_\71_PB]G_,_NL?\ @TN/_BZ -NBL3_A%[/\ Y_=8_P#! MIS_Y_=8_\&EQ_P#%T?\ "+V? M_/IK'_@TN/\ XN@#;HK$_P"$7L_^?W6/_!'+6235LWFJC9J$BC;J4XS\]M?_A%[/_G!UC_P;7'_ M_,70!MT5B?\ "+V?_/IK'_@TN/\ XNC_ (1>S_Y_=8_\&EQ_\70!MT5B?\(O M9_\/IK'_@TN/_BZ/^$7L_\G!UC_P &EQ_\70!MU6U'_D&?7_7%_P#T$UF_M\(O9_P#/IK'_(- +C_XNJ]_X9M%TZY87NKDB)CSJEP1T/^W0!I>'_P#D6]+_ M .O.+_T 5HURNA^&K23P_IKF\U8%K6(D+JS_Y_=8_\&EQ_\71_PB]G_P_NL?^=2X_^+H VZ*Q/^$7L_\G!UC_P & MEQ_\71_PB]G_,_NL?\ @TN/_BZ -NBL3_A%[/\ Y_=8_\&EQ_P#%T?\ "+V?_/IK'_@TN/\ XN@#;HK$_P"$7L_^?W6/_!IS_.?W6/\ P:7'_P 71_PB]G_S^ZQ_X-+C_P"+H VZ*Q/^$7L_M^?W6/_!IS_P"?W6/_ :7' Q=' "+V?\ S^ZQ_P"#2X_^+H VZ*Q/^$7L_P#G\IUC_ &EQ_\%T?\(O9_\ NL?^=2X_\ BZ -NBL3_A%[/_G!UC_P:7'_ _71_M_P (O9_\ NL? ^=2X_P#BZ -NBL3_ (1>S_Y_=8_\&EQ_\71_PB]G_P_NL?^ M=2X_^+H VZ*Q/^$7L_\G!UC_P &EQ_\71_PB]G_ _NL?\ @TN/_BZ -NL7 MQA_R).O?]@ZX_P#1;4G_ B]G_S^ZQ_X-+C_ .+K)5>'+6'P?KS_Y_=8_\&EQ_\71_PB]G_P_NL?^=2X_M^+H VZ*Q/^$7L_\G!UC_P &EQ_\71_PB]G_ _NL?\ @TN/_BZ -NBL3_A%_M[/\ Y_=8_P#!IS_Y_=8_\&EQ_M_P#%T?\ "+V? _/IK'_@TN/\ XN@#;HK$_P"$7L_^?W6/_!IS_.?W6/\ P:7'_P 71_PB]G_S^ZQ_X-+C_P"+H VZ*Q/^$7L_M^?W6/_!IS_P"?W6/_ :7' Q=' "+V?\ S^ZQ_M_P"#2X_^+H VZ*Q/^$7L_P#G\IUC_ ,&EQ_\%T?\(O9_\ NL?^=2X_\ BZ - MNBL3_A%[/_G!UC_P:7'_ _71_M_P (O9_\ NL?^=2X_P#BZ -NBL3_ (1>S_Y_M=8_\&EQ_\71_PB]G_P_NL?^=2X_^+H VZ*Q/^$7L_\G!UC_P &EQ_\71_PB]G_ _NL?\ @TN/_BZ -NBL3_A%[/\ Y_=8_P#!IS_Y_=8_\&EQ_M_P#%T?\ "+V?_/IK'_@TN/\ XN@#;K%U M#_D:=%_ZXW\HZ3_ (1>S_Y_=8_\&EQ_\75'^Z0T4] [*7@N01_C_ +4N Q2V7+-@*6.[""\ D9QG%M<3XD MDL[?X@>$&#P1.;FZ:8Y"DG[.P!;\,#GVH V-7\8Z'H=%K]?74@ECC$LWE6TD MH@0]&D*%0@X/+8Z5:UO7;;1?#\^L,# <0HBM&D1!,S,0$53TRQ(^M8LS>:P&Z V]\<9ZC(8?7-5]&@N+ZU\!>';E6:L=/AU. ^1NJ^6 M@2%#[(R6_P"V5 '577C;0;'4ET^[NY(IS*L#,;>0PI(V,(90NP'GH32ZKXUT M31;]>VOI+U'@&Z1DT^XD11C=G>]%2.'UXK#\67UKXHU-2"'4-Q"EM#-%/]UPI M@=48.L*YZNQ49_NKU\(%7?/'4K:DNG>*+=8)=;E*W!4\):AICI9&$_X'0!K MZEXELK#PJ?$"! !BU:%)8%0;6FWX$:@'&"Q91SZU7O?&V@Z;J(L;V!DAF$B1. M_P!GD,4J6MHFI^,- T")0+.R!U2V11@ 1_) O_?9+?]LZ MH^,+ZU\37I\&PW%$*0B2*75KAW $,;L'$2YZR.5'^Z,D]10!OZQXPT30KHVU\ M2<"(]& M**=]\'D]<5@6-]8Z?XK\>'4YXHE(MY_WK ;K?I.!D9ZC<"U^M9EAK$^F?#3 MPIX:B;,;]]&EHD;3L%6VB*X,LF>BJ#P.I/ [X ,WO_%6CZ=:65$+-*E\NZU M4GUA>=YUQNRJ("Q&'''3C R*NZ?]MEK6G17^G7"SVTN=K@$<@X(((((((0(7*M$,,;:4[QWX>L1_\Z;BH!X]#6G\/2LMCKMU"0UI_P!9K/\ V$I/_04K.^(-K*WAG^U; M5"]YHTZ:E"!U;RSEU_&,N/QH V;[7]+TV[:UN[H13):O=LI5CMB4@%B0,#D@ M =3V]#1?%6D;_(?&T] MPB:A7%XL>I7B&2"$]WS@9S\V,# !IX)SQ4GA_P#Y%O2_ ^O.+_P! %<%XVTRX MU+QM.UB,ZC9:(E!9'.1M%<;E' L%?HQH [K5O%6E:%/80:E=K!+?SBWME*L MQD.16I7C>HZC'XQ- OXMB5OL*:GIMC8!A@X^T1O.WXN53_ +95 M9\6ZP1=ZAJ>F->136&JP6C7,NK.@W!XPT:6P)5E*L<4 >MU0T35[;7 MM%M-5LQ(+>ZC\R,2##8]QS7+:58OJ7Q%\2W%U?W!1.? <6XM;9;EUA0M;H6)4 M'#9]#@=3C)-5* M,KYL31MCW5@'/Q%<;XLCU*7XB^%ET]YM;:Y^QW_[RY@:9,?N,C:&4Y_&']B. M76KGQ?]>B?30W,9TU[ADCOY=- CGF#A204W,=]X.W\6><4 >DT5YBEI]UQ<^_M#='U;6+AO-%^+E[&^?\ ?HF#&K2 *6(& 6&#D'U-5&EOCI$<DI]VH1QQ>++3I MZ3+<-YWV? #'87.2>N,G)X'I0!ZS5+5]3@T71KW5+H.;>SA>>01C+%5&3@>O% M>.:O>ZAX:TWQM8Z7>W9ALY+$P-<7+R-:1.5$I$CIF RV>=O)INJV&J67A;Q M87DABTR70IB+7^UY+]_- /[P&105\4X.#@"D"@#TBBB@GTN(2?;(.:Z8 MLORD)"P?!SU^0Y_"M*N+T'_DHNJ?]@6P_P#0YZ]2@ MHHH **** "BBB@ HHHH **** "BBB@ K%\7_\B3KW_8.N/_1;5M5B^_/^1)U[M_I_Y"7_HMJ_-D=]55=3LWU>72EFS>Q0+0VLWF264WV>;2-_MCI5;'(YX93QZU;KR"_U QZ!XHU.TU*2SM;CQ1;]M!)M =@V\VM] M710:1HWQ$T=K'5[N]B31[R>42WK7 M+*/W1\P;B2"X!.!P=O ZU7T&[;X\5Z MNU[;V&M6\P\B3:U)<2S)L5D=ES^Z M89."A[D<8H]3M;NVOK=;BTGCGA8D"2-@RD@D'D>A!'X5- 7C&GLVA"83Z5= MW"7%QJ0MKMWOY!Y$1O'0D$EO)R#@N!GQ/%,&I'7O#WAWQ@<17:6=FT1-L$CC MU22]EM2TNR657D4%1L-_ ^(TT >-D- J]LOB"/12)/M4EJUV#CY=BLJGGURPJ-MKK'BG2=!NH+6_FG$\Z-)"#:RS,54@,<1J<;AU!.Y+1.+3=.^+<=MINHSW2 M#0I&;..!.Y,9.T7(9B2-W7&<=P!FK? B,ZH/B=HG]D+9M<_V5=Y^ULP0+YD.? MN@G/2@#L=-U*RUC3X,_3JE+BUF&4E0\'G!_$$$8[5%]VKVVC16TET)"MQ=16 MJ;!GYY&"KGVR>.X*71WT2[!-> &![5)5L]+GOJ'FMY&MA/<$&UC#*=@K/FGD\N>PBO)KS3+'Q9816I6=_#?/< MK"0);:8P2>9$R98 $[<@;AR.1Q5JO*[5+PI?VL ^I7,%G<>+A97$ZSLC16YA M5MBOG*.N%7((^\? 6M/5I;3PD^F;Q8ZM=3:19WKVNHQR7KW"PLJ@$EB3\CB, M\Y(#GL:./0:AM;NVO8?.M9XYXM@)OC8,-RDJPR.X((/N*P/!D=W=*$TO-2EG M,^J-)>,C2-F%)22D;G.5VH5"0@UP.F[- !^&FHW&GW!U;SOJTEK=3&\DD-M"'M;UD9PK,0C!"26P#SDDGF@#Y.BN%TA(M)^(B:5I-_=7.GS:6]QRB@#%]KJ%/SOE3U& M, ,\T =G-26ZYYJ.>N: .HJK00^) M-7MY=+274)RGA.4Q:T62?R#9 "]0(:USI:Vl.N\0NI"-!/>7836]4O M+HH0.8 0/!*8DZJ @0@=GSUH]G4?$>FZ;HEWSJ3>?:VKE.4VY#D,\V%>O4- MP1VK5KQ4Z99VGPO\7_9[FY^T#4KF%EDNY)=@6[P#M9B V,$MC)[DYKM=*M'T M/XC'3(+Z^GM+G23?2[+6+"WU*\GT:WUXRMUM MY/MI$AC,;/- +AF&,'C)8===N>:>([J'PA? 7EGJ=_;QW^NV<=KC5#HKRO6KG4/"3>,;31[R]D2#1X+V$7-P\[0R,\J.ZL MY8]%#8Y&1T]WI>FWD4UP]S]"66B3Z7*,EDU^6[D)^4BX1F4%_MD@X.1QQ0! MZ317G/PUU74M9O+R77;J<7\%M\';VS@QK);,-RW)3."TASG^[MQQ3M46SU+X MCZMIVK:Y=VEI%I5O/%;Q7[6Z[MTH:3Y2#\HV]\((S%2#R"&R,'D]B08_%FK;)]0U'2VO8YM.U.W MM#=3:NZ#?NC#(EODJZE6.6IQ:UXA-EKFK7=K;6NB6ES;+?'>8S[_.F+*P M+%2]CDD#/3FJ.1J^M^)/$-K.WJ4/%MA,VM26GDJT(83[$0K]EB'16K10!0E "TC4;F&YO=*L;F>#_52S6Z.T?^Z2,C*,9Z-!9ZS MJ6JB222XQ_+#[\81(UPJKQTR6/U8UHT4 9-SX5\.WES)<76@Z7/(=SRRV<; M,QI22,FM#F];"Z6Z^SQ?:%C\H3;!O"9SMSUQD XJ:B@#.L]&@L]9U+5!))))< M7_EA}^,(D:X55XZ9+-]6-177A;P]>W+W-WH.EW$\AR\LMG&[,?:#H^HRP2WVE6-U);\0O/;HYC_W21Q^%)?\ A_1=5G6?4=(L+R95V+)<6R2, M%R3@%>.3Q[UHT4-9T_A_1;G3HM.GTBPEL8CF.V>V1HT/LI&\U-7H88K:%(8 M(DBBC4*B(H55 Z =-2=:=RIBZ5"UXT6F6.&],.HK H_K]_CYNIZYZFV6@Z/IEO-;V&DV-K!,_M2QP6Z(L@_P'!H 8/4]:T** *%AHFDZ5M_L[2[*SVAE'V>W6/ 8@D< =2!GZ#T MJTUM UTETT$9N$0HDI0;U4D$@'J <#CV%2T4 5K_ $ZQU6U-KJ-G;W=N3DQ7 M$2R*3ZX((IL>E:=#:0VD5A;I;0,'BA6%0D; Y!5<8!!Y!%6Z* *DNEZ>,'W% MO+86KP7++%YXVA4K*QODL,88\#D^@K*UGPE8ZEX7E\/6<<&G6$SIYD=O H4H' M#,H48 + 8SVSFN@HH 15'*%4 *\@ =A5./1M+BFNYH]-LTEO.+IU@4&? ?,/ MFZGKZU=HH 1:,H^F:/&\]<2E=:6,G M'_52SP*]\ EQ=L%VI;*V&R#],N(EXBX_=CC[O ^7IQ7.ZCX-D MFUB2_P!-O+.V62UCM&M[G3UN$C1"VWRQN79]XY'(.!QQ7644 9.@^'K'P_I= MC96Z"1[2W%NEQ(H\PIG)&0.!GG XK1M[."TA$- M#'#$"2$C0*H)))\ZDD_4 MU+10!4,2M.?I?NL+5OM@-NLPJ?/P,?/Q\W":.D^Q6G^C?Z/+#_HQ_O^[!K MY=OR_P!W@D<=CBIZ* .\Z%I#374QTJQ,MWC[2YMTW38Y&\X^;'O5OI- ;H71 MAC^T!#&)=@WA"G&/>NAHH A^R6WGQ3 M_9XO.B0QQR;!N13C*@]@<<#CV!52;P_HMS?-?3Z182W;@*TI[VR-(0.@+$9[" MM&B@"C0X\]XE@5I$Q_-8C(_"B31=*FO)KR33++_J]>(PR-MS- I>2,C!1FQDKCI>*O44 9]HH6D:DL"WVE6-T+?_4B>W1_+_P!WXZ#I27^ M@:-JLL4NHZ187DD0Q&!Q>) (4'L2#BM&B@#/DT+2)M1BU&72K%[Z(1W+6Z&1 M,=,-C(Q6A110 5BZA_R-NB_[<;G^4=;58NH?\C;HO_7&Y_E'0!M4444 %%%% M !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M%%%% !6+XI_Y!$'_ &$;#_TKBK:K\!8.\>@H\<32NM_8E8U(!<;.HL $\#/O M0!O45B?VOJW_$+5W_X$P?\ Q='!KZM_T+5W_P"!;'_Q= &W16) ;^K?]"U=_M_P#@3!_\71_:^K?]"U=_^\;'_P 70!MT5B?VOJW_$+5W_X$P?\ Q='!KZM_T+5W_P"!;'_Q= &W16) ;^K?]"U=_M_P#@3!_\71_:^K?]"U=_^\;'_P 70!MT5B?VOJW_$+5W_X$P?\ Q='!KZM_T+5W_P"!;'_Q= &W16) ;^K?]"U=_P#@3!_\71_:^K?]"U=_^\;'_P 70 OA[_6: MS_V$I/\ T%*VJXW0M5U1)-6V>'K!]VH2$XN(1M.U>.7K7_M?5O\ H6KO_P " M8/\ XN@#;HK$_M?5O^A:N/_\ P)@_^+H VZ*Q/\7U; M_H6KO_P)@ ^+H VZ*Q/\7U; M_H6KO_P)@\ N!GZK;C_R#+O _*XO_P"#LW^ MU!6_Z%JI_P# F# _XN]I_JVK'3KD'PW=J#$V3]H@XX/\ MT ;7A__)%O2_\MKSB_]%:-JZJOA_357PY=NHM8@&%Q-PV#GEZO\]KZM_P!"U=_^\;'_M_70!MT5B?VOJW_0M7?_ ($P?_%T?VOJW_0M7?\ X$P?_%T ;=%8GIKZM_T+ M5W_X$P?_ !=']KZM_P!"U=_^\;' ,70!MT5B?VOJW_0M7?_ ($P?_%T?VOJ MW_0M7?\ X$P?_%T ;=%8GIKZM_T+5W_X$P?_ !=']KZM_P!"U=_^\;' ,70 M!MT5B?VOJW_0M7?_ ($P?_%T? VOJW_0M7?\ X$P?_%T ;=%8GIKZM_T+5W_X$P?_ !=']KZM_P!"U=_^\;' ,70!MT5 MB?VOJW_0M7?_ ($P?_%T?VOJW_0M7?\ X$P?_%T ;=%8GIKZM_T+5W_X$P?_M !=']KZM_P!"U=_^\;' ,70!MT5B?VOJW_0M7?_ ($P?_%T? VOJW_0M7?\ MX$P?_%T ;=%8G]KZM_T+5W_X$P?_ !=']KZM_P!"U=_^\;' ,70!MT5B?VO MJW_0M7?_ ($P?_%T?VOJW_0M7?\ X$P?_%T ;=%8G]KZM_T+5W_X$P?_ !=' M]KZM_P!"U=_^\;' ,70!MT5B?VOJW_0M7?_ ($P?_%T?VOJW_0M7?\ X$P?_M_%T ;=8OC#_D2=>_ [!UQ_P"BVI/!7U;_ ^%JI_\ F# _.+K)\5;KJDG@_6T MD\/74:-83AG- Q^0H\MN77B_2!=:5-9!8+DJTDL;[O]M7Q\K&@#J.*** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M "BBB@ HHHH **** "BBB@ K%\4_\@B# L(V/_I5%6U6+XI_Y!$'_81L/_2N M*@#:HHKC=7GUBT^(OAQ3JK?V=>RW$?V*,(*N%MV;+MR6.X9'0 8XSS0!V5%< M)\0X[_3=']O-*

*,+^P+A_AX9Y2(=9WG5Q(1_J[G)D /L!\A[J MU_!-NQT!-6G(:\U+ M1X-9@4M/H]PEZ O5HQQ*OXQEOR%;6B?ZS5/^OY__ $%:TI8DGA>*5 \;]593 MT(/!% ' 7FKRI;>*_%]EME-O$MC8.1D!4Y=_0CS'/_?NI8Y?$EA#J,S+JBV2 MZ9-(9=0EMW99U&59/*8\$;L@\# Q786FCZ=8Z2NE6UG$E@$9/L^,J5.<@@[< MY/YU4M/"VC6*3);V059HC X:1V'EG]HR3M'L,4 1>%H;J/1+:,\O]4GO)[R*_M5O-VJB,5SA ,#GN3TK=JE-1%A<6UI;2VR/#:21R0(?\>-Q_US;^5 %?1/\ D :=_P'>L7_H(KD_&D]MJ>O6.AW5 MI>75E%)=74=K;M*S>':?*RM+!)%=)}BZ;? *Z[68I'(,,#R^=]•M'-5_&%$V:^E6"R:W\(RN &#J93P>"3GZBNVN?#FD7D5U'/8QNMW*`ML\)PR1ND4 !P0>&P!R,4EOX9T6ULKNSATZ%;>[:7<;4X)$HQCYLU]H>['-ZK MI5PWC'P[8I]ZA%E>%[KY#,Z[H3C.W ZCG'0?C5:WUC5;FSTS2'U*6.2?5[J MPEOPJB4QP^80!QM#L% SCU[UV5IH>G6+6K6]L%:U1XX6+LQ17(+#))SD@=?2 MF3^'=)N;&2RFL8WMY)VN64Y_U)8N#G(.2>1ZT <9]>]ZQI5GXETZWU265[" M6Q-M=S*K.GG2 ,C8 #8Q]<-7=Z;926%FO;ZYO7R29K@KN.?]T 8_"]T/AS2 M(--DT^.QC%M) O9%))+N""&9BL_I>_,__*+: MD6KIO/\ \BGK/_7C/_Z+:@#5'05YWXCTVYN_'=W?:<,ZINFVUS:C^^1),&C M/LZDK^(]*!$'0576RMEOOPEB NI(EA:3N44D@?FQ_.@#S_2-? L[K3O$6IP7= MW!>Z1 L)M44S,[PP@1J&! 8G*G/3GIBJ&L7&IH7?A+QA]HW<:C$EAY+Q+=/$ MTVUT!*.R9!7/(YSTYKT$^&-%-G=VG\G0B"

[G^T3(N1NEX,_CH<@;A1D8X"C!\0.M=9-X5 MT6>PMK*6Q#P6K%HUCB=H4@.P8'EIG:H'0 ,C^= '&Q:W0.YQVQU(/KFWA,OE+<),89E #A55V"X^;U]>*WI?\(O MZBEM]C@LFCBO'NYK2[0M#<.ZD$MCH03D<$>U+H_@^WM],OK/4H;62"[N!.+. M!2L-O@ 1Y.0.RA,8=MSEG9V8].2Q)-7: "BBB@ HHHH **** "BBB@ MHHHH **** "BBB@ HHHH **** "BBB@ K%\7_\B3KW_8.N/_1;5M5B^_/^1)U[M_I_Y"7_HMJ_-D=]55=3LWU>72EFS>Q0+0VLWF264WV>;2-_MCI5;'(YX93QZU;KR"_U QZ!XHU.TU*2SM;CQ1;]M!)M =@V\VM] M710:1HWQ$T=K'5[N]B31[R>42WK7 M+*/W1\P;B2"X!.!P=O ZU7T&[;X\5Z MNU[;V&M6\P\B3:U)<2S)L5D=ES^Z M89."A[D<8H]3M;NVOK=;BTGCGA8D"2-@RD@D'D>A!'X5- 7C&GLVA"83Z5= MW"7%QJ0MKMWOY!Y$1O'0D$EO)R#@N!GQ/%,&I'7O#WAWQ@<17:6=FT1-L$CC MU22]EM2TNR657D4%1L-_ ^(TT >-D- J]LOB"/12)/M4EJUV#CY=BLJGGURPJ-MKK'BG2=!NH+6_FG$\Z-)"#:RS,54@,<1J<;AU!.Y+1.+3=.^+<=MINHSW2 M#0I&;..!.Y,9.T7(9B2-W7&<=P!FK? B,ZH/B=HG]D+9M<_V5=Y^ULP0+YD.? MN@G/2@#L=-U*RUC3X,_3JE+BUF&4E0\'G!_$$$8[5%]VKVVC16TET)"MQ=16 MJ;!GYY&"KGVR>.X*71WT2[!-> &![5)5L]+GOJ'FMY&MA/<$&UC#*=@K/FGD\N>PBO)KS3+'Q9816I6=_#?/< MK"0);:8P2>9$R98 $[<@;AR.1Q5JO*[5+PI?VL ^I7,%G<>+A97$ZSLC16YA M5MBOG*.N%7((^\? 6M/5I;3PD^F;Q8ZM=3:19WKVNHQR7KW"PLJ@$EB3\CB, M\Y(#GL:./0:AM;NVO8?.M9XYXM@)OC8,-RDJPR.X((/N*P/!D=W=*$TO-2EG M,^J-)>,C2-F%)22D;G.5VH5"0@UP.F[- !^&FHW&GW!U;SOJTEK=3&\DD-M"'M;UD9PK,0C!"26P#SDDGF@#Y.BN%TA(M)^(B:5I-_=7.GS:6]QRB@#%]KJ%/SOE3U& M, ,\T =G-26ZYYJ.>N: .HJK00^) M-7MY=+274)RGA.4Q:T62?R#9 "]0(:USI:Vl.N\0NI"-!/>7836]4O M+HH0.8 0/!*8DZJ @0@=GSUH]G4?$>FZ;HEWSJ3>?:VKE.4VY#D,\V%>O4- MP1VK5KQ4Z99VGPO\7_9[FY^T#4KF%EDNY)=@6[P#M9B V,$MC)[DYKM=*M'T M/XC'3(+Z^GM+G23?2[+6+"WU*\GT:WUXRMUM MY/MI$AC,;/- +AF&,'C)8===N>:>([J'PA? 7EGJ=_;QW^NV<=KC5#HKRO6KG4/"3>,;31[R]D2#1X+V$7-P\[0R,\J.ZL MY8]%#8Y&1T]WI>FWD4UP]S]"66B3Z7*,EDU^6[D)^4BX1F4%_MD@X.1QQ0! MZ317G/PUU74M9O+R77;J<7\%M\';VS@QK);,-RW)3."TASG^[MQQ3M46SU+X MCZMIVK:Y=VEI%I5O/%;Q7[6Z[MTH:3Y2#\HV]\((S%2#R"&R,'D]B08_%FK;)]0U'2VO8YM.U.W MM#=3:NZ#?NC#(EODJZE6.6IQ:UXA-EKFK7=K;6NB6ES;+?'>8S[_.F+*P M+%2]CDD#/3FJ.1J^M^)/$-K.WJ4/%MA,VM26GDJT(83[$0K]EB'16K10!0E "TC4;F&YO=*L;F>#_52S6Z.T?^Z2,C*,9Z-!9ZS MJ6JB222XQ_+#[\81(UPJKQTR6

*MH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** " MBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ** M** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** " MBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ** M** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH MH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** " MB

*MC'W$$4"?\ %?H#7PC_P;.^-=-\;_ /!$CX'W5A.K/IVG:KIMW&#S%)!K%[\'@-M^A*A6^CBONZ@#^1?_@ZH^'FF> O^"U_Q-O=)M5AB\1:5H6K/&BX'FOI=O%(W MU9X6<^I8U^Z'_!JJ^TSXH_;2_P""/?@RS\9:E)>ZA\.M;O\ P<;N9B7>VM?+ MFM$/M':W4$(_V8EK\/?^#L/QCIWBG_@M;\0-+T^=9&T#PYX?T^Y*G($ATV"X M(^H%PH/O7[1_\&D/P-\1_!S_ ((\;)XC\264ELWQ"\<:OXFLX95*M]F;R;&-_M\'LXL=ZGNKJ1P10!^*2_ =;_P#*;OXG_P#8%\.?^F;TK]H_^'"% /L1SJ]]#%-YBG9,42-%"3)(F% *F@#{(_MX(P? M,6_`3)/AWQ0]\$_"V@>"O"NGBTWO1]&=-M1(SB&WB01QIN8ECA5-M R22<GZDEWH&FL8+)4-W!*$"T"2A/M#@B)DW//+EBV?I^N^CZ"2 MM,:.^MI+*]MXYH9HRDL4J!E=2,%2#P01P0:\(\<_\$L?^":/Q)T>30O&G[/P M*+'PO_,% ?@-H M7B?P[+*L=UX\ V[6&J6BD\RO;2R-!=8_N(;?CG)(P?Z _V>_P!HJX.?M5?! MK0/V@/@!X\LO$OA'Q/8BZT?6+%CME3)5E96 :.1&#(\;@.C]RL 017XC_P#! M;/\ X-0?@EX6^"WB7!]W_@FE9ZCH6H^&-.FU3?2A;=7TM[:7]G$IDF?3Y)F: M:*=4#.(7>19 -]>60%? 5_P"#(\XP^/\ 7_@!\?/@7JU!/-X\:.;IH.KZ)%(Q-M*6US?Q7T5RJYZ!A86I8'&0QZMR :?NM1110!_*M_P=;?\$P/^&+?VM%S'U%\;? M#0V?X>_&F>?4MMO%B!3=?* 4AKZVXX42EA=)G&3+,]C$5?!H[_P:=?\%8- ^-O[M$^M_LD?"WQU;6GB'X$:0UY8:EJMV$$WA)&M5$0>33=4L()X)E|CM>%\VEO-&U._MM[6\M2ZJ4DBD8$'(Z9!Q0![_4Q_P2\\- ;_P#MY_M*>+O^"T/QBZ\!8/9\"7UUH7QV%TI&MK_MM|5CN|H0&[*$+|\M&CN%+H59"RR/\ ,I# G(((!KZZL,*VTVRA-MTZSCV0P1+'$N2<*HP!D]>!7S' P11L;S3/\ @DK^SUINH6SPW%O*]*BGAD7 M#1NL(#*1V(((KZ'\$?$7P1\;2;74;WP+XDM]3ATG6KO2-1EMB2L-]:RF*X@)(MY:.161L9 92.H- #/BA\2?!GP: ^&OB#XN_$?6XM-\/\ A? 1;K5M(!NJK0KE,CP MO8L WAZTW?Q"72X0P/;R?4U^U?I P<;?M?^]\) ,##_ (X*)-?UV'3?C%X MJM#[XK2^%>A(+-]XJ#CUF\M+T_5K MB\N(+.:.!#>5'(5M<'+85IHU)##$@? JYJNE:9KFF7.B;WIT%Y97D#P7=I=0K) M%/$ZE71T8$,K D$$8()'KA_^&3_V6?\ HVKX?_| A&V/_P :H R?VGO@5\(O MV^OV1/&G[/VN:U8:KX6^(?ABZTQ=6TZ9+F*- W!$5U$RDJSPSJDBG,\0I* & MS_@T>_X)5>,O@=^T-\;/VI/VA?"!LM<^'FNWGPV\/03QDA-1BD#:I<1E@.A5 M6WB20<,L\P]_=GPOX4\+>"- "@\+^"_#6GZ1!KEN^RZ=I=FEO!#N8NVV.,!5 MRS,QP.22>]JS9Z=I^G"4:?80P>?,TTWDQ!?,D;[SMCJQ[D\F@#X&_P"#D7!H M+X$?#C_@DG\;_AUXO^+7AZS\2:!HI- OI>C^-)-7A^WWEU-=6[+.";]O,8B,F0 M*7A^+' &;_G1_P"#>GXR?#'X_ |+&/@?X_^XO>-M.\>'/5]3M;[6M7NE_&@(M]5K2+ZTA,LCD+&IFGC4LQ^C=D8D $U_7[XH_9Z^ 7C? 79_%'C3X'>#]7U,Z MV:;M1U3PS:W$\VU0BI()(RS85549/ '050_X9/ _&6?^C:OA_|^$;8_P#Q MJ@#2U?X_? GP_P"#\)1]>-^-2A*R\/$L!KUWXDM8K(1N;|^T@3@ _$OP3^+GAW MQ+#+X*TV66'1]8AGFMB+:)72:-&+1.C_ ,K@%6!4@$8KV:N9\$_!;X.?#34 M)=6^''PF\, ^']J>'R9[G1-!M[222/(;8S1(I*Y .#QD"NFH _)G_(.8?^"N MGP#^-#?[/4O\ P3[^'OQQTT>- _BEJL.@>/(;C0[U+E:PCX<>94U&6Y$9;RH(M"PL-Y225L#:N?TF_9C1X]G\&/#_A;]E(QWX7'USP7X;T2ST00CX3U]"^M M;:SAA6.'\/("# C10,GD"K&_LS?IW->U[IGWP1? 7UL\IJY>WGA2SEE MGEAZ1#:+,R@ MA2XB50Q)P3TS0!\?7\ !QO\)V?/CS_ ,$I/BEX#^,WQ*\-^'=6T+09%/%2 MJ;6]5A@E,]>KRQ1P+(P+O.HEM %!)^U$ 9Q7\R/_!'+_@H'J/ P3/_ ."@ M?@;]IV:2Y?PV%=-17C]RM@6:ZT2ZPER H^^T>N7C,EO&.E?V<>-_@W\(/B M9>0:A\2/A5X;\07%M&8[.?7-#M[MXD)R55I48J,\X%8G_#)_[+/_ $;5\/\ M_P (VQ_^-4 5;#IL[PJG6'0O"6FO+JNN:ALBDU&Z;MU?W#9PK.Y9CDX M1_[ ]4&/@?X_?\%1/V%= _X,_A%IM[^TEX5.FZ1\%M<\,ZUXECUF%M+T_5K MB\N(+.:.[#>5'(5M<'+85IHU)##$@? JYJNE:9KFF7.B;WIT%Y97D#P7=I=0K) M%/$ZE71T8$,K D$$8()'KA_^&3_V6?\ HVKX?_| A&V/_P :H R?VGO@5\(O MV^OV1/&G[/VN:U8:KX6^(?ABZTQ=6TZ9+F*- W!$5U$RDJSPSJDBG,\0I* & MS_@T>_X)5>,O@=^T-\;/VI/VA?"!LM<^'FNWGPV\/03QDA-1BD#:I<1E@.A5 M6WB20<,L\P]_=GPOX4\+>"- "@\+^"_#6GZ1!KEN^RZ=I=FEO!#N8NVV.,!5 MRS,QP.22>]JS9Z=I^G"4:?80P>?,TTWDQ!?,D;[SMCJQ[D\F@#X&_P"#D7!H M+X$?#C_@DG\;_AUXO^+7AZS\2:!HI- OI>C^-)-7A^WWEU-=6[+.";]O,8B,F0 M*7A^+' &;_G1_P"#>GXR?#'X_ |+&/@?X_^XO>-M.\>'/5]3M;[6M7NE_&@(M]5K2+ZTA,LCD+&IFGC4LQ^C=D8D $U_7[XH_9Z^ 7C? 79_%'C3X'>#]7U,Z MV:;M1U3PS:W$\VU0BI()(RS85549/ '050_X9/ _&6?^C:OA_|^$;8_P#Q MJ@#2U?X_? GP_P"#\)1]>-^-2A*R\/$L!KUWXDM8K(1N;|^T@3@ _$OP3^+GAW MQ+#+X*TV66'1]8AGFMB+:)72:-&+1.C_ ,K@%6!4@$8KV:N9\$_!;X.?#34 M)=6^''PF\, ^']J>'R9[G1-!M[222/(;8S1(I*Y .#QD"NFH _)G_(.8?^"N MGP#^-#?[/4O\ P3[^'OQQTT>- _BEJL.@>/(;C0[U+E:PCX<>94U&6Y$9;RH(M"PL-Y225L#:N?TF_9C1X]G\&/#_A;]E(QWX7'USP7X;T2ST00CX3U]"^M M;:SAA6.'\/("# C10,GD"K&_LS?IW->U[IGWP1? 7UL\IJY>WGA2SEE MGEAZ1#:+,R@ MA2XB50Q)P3TS0!\?7\ !QO\)V?/CS_ ,$I/BEX#^,WQ*\-^'=6T+09%/%2 MJ;6]5A@E,]>KRQ1P+(P+O.HEM %!)^U$ 9Q7\R/_!'+_@H'J/ P3/_ ."@ M?@;]IV:2Y?PV%=-17C]RM@6:ZT2ZPER H^^T>N7C,EO&.E?V<>-_@W\(/B M9>0:A\2/A5X;\07%M&8[.?7-#M[MXD)R55I48J,\X%8G_#)_[+/_ $;5\/\ M_P (VQ_^-4 5;#IL[PJG6'0O"6FO+JNN:ALBDU&Z;MU?W#9PK.Y9CDX M1_[ ]4&/@?X_?\%1/V%= _X,_A%IM[^TEX5.FZ1\%M<\,ZUXECUF%M+T_5K MB\N(+.:.[#>5'(5M<'+85IHU)##$@? JYJNE:9KFF7.B;WIT%Y97D#P7=I=0K) M%/$ZE71T8$,K D$$8()'KA_^&3_V6?\ HVKX?_| A&V/_P :H R?VGO@5\(O MV^OV1/&G[/VN:U8:KX6^(?ABZTQ=6TZ9+F*- W!$5U$RDJSPSJDBG,\0I* & MS_@T>_X)5>,O@=^T-\;/VI/VA?"!LM<^'FNWGPV\/03QDA-1BD#:I<1E@.A5 M6WB20<,L\P]_=GPOX4\+>"- "@\+^"_#6GZ1!KEN^RZ=I=FEO!#N8NVV.,!5 MRS,QP.22>]JS9Z=I^G"4:?80P>?,TTWDQ!?,D;[SMCJQ[D\F@#X&_P"#D7!H M+X$?#C_@DG\;_AUXO^+7AZS\2:!HI- OI>C^-)-7A^WWEU-=6[+.";]O,8B,F0 M*7A^+' &;_G1_P"#>GXR?#'X_ |+&/@?X_^XO>-M.\>'/5]3M;[6M7NE_&@(M]5K2+ZTA,LCD+&IFGC4LQ^C=D8D $U_7[XH_9Z^ 7C? 79_%'C3X'>#]7U,Z MV:;M1U3PS:W$\VU0BI()(RS85549/ '050_X9/ _&6?^C:OA_|^$;8_P#Q MJ@#2U?X_? GP_P"#\)1]>-^-2A*R\/$L!KUWXDM8K(1N;|^T@3@ _$OP3^+GAW MQ+#+X*TV66'1]8AGFMB+:;)72:-&+1.C_ ,K@%6!4@$8KV:N9\$_!;X.?#34 M)=6^''PF\, ^']J>'R9[G1-!M[222/(;8S1(I*Y .#QD"NFH _)G_(.8?^"N MGP#^-#?[/4O\ P3[^'OQQTT>- _BEJL.@>/(;C0[U+E:PCX<>94U&6Y$9;RH(M"PL-Y225L#:N?TF_9C1X]G\&/#_A;]E(QWX7'USP7X;T2ST00CX3U]"^M M;:SAA6.'\/("# C10,GD"K&_LS?IW->U[IGWP1? 7UL\IJY>WGA2SEE MGEAZ1#:+,R@ MA2XB50Q)P3TS0!\?7\ !QO\)V?/CS_ ,$I/BEX#^,WQ*\-^'=6T+09%/%2 MJ;6]5A@E,]>KRQ1P+(P+O.HEM %!)^U$ 9Q7\R/_!'+_@H'J/ P3/_ ."@ M?@;]IV:2Y?PV%=-17C]RM@6:ZT2ZPER H^^T>N7C,EO&.E?V<>-_@W\(/B M9>0:A\2/A5X;\07%M&8[.?7-#M[MXD)R55I48J,\X%8G_#)_[+/_ $;5\/\ M_P (VQ_^-4 5;#IL[PJG6'0O"6FO+JNN:ALBDU&Z;MU?W#9PK.Y9CDX M1_[ ]4&/@?X_?\%1/V%= _X,_A%IM[^TEX5.FZ1\%M<\,ZUXECUF%M+T_5K MB\N(+.:.[#>5'(5M<'+85IHU)##$@? JYJNE:9KFF7.B;WIT%Y97D#P7=I=0K) M%/$ZE71T8$,K D$$8()'KA_^&3_V6?\ HVKX?_| A&V/_P :H R?VGO@5\(O MV^OV1/&G[/VN:U8:KX6^(?ABZTQ=6TZ9+F*- W!$5U$RDJSPSJDBG,\0I* & MS_@T>_X)5>,O@=^T-\;/VI/VA?"!LM<^'FNWGPV\/03QDA-1BD#:I<1E@.A5 M6WB20<,L\P]_=GPOX4\+>"- "@\+^"_#6GZ1!KEN^RZ=I=FEO!#N8NVV.,!5 MRS,QP.22>]JS9Z=I^G"4:?80P>?,TTWDQ!?,D;[SMCJQ[D\F@#X&_P"#D7!H M+X$?#C_@DG\;_AUXO^+7AZS\2:!HI- OI>C^-)-7A^WWEU-=6[+.";]O,8B,F0 M*7A^+' &;_G1_P"#>GXR?#'X_ |+&/@?X_^XO>-M.\>'/5]3M;[6M7NE_&@(M]5K2+ZTA,LCD+&IFGC4LQ^C=D8D $U_7[XH_9Z^ 7C? 79_%'C3X'>#]7U,Z MV:;M1U3PS:W$\VU0BI()(RS85549/ '050_X9/ _&6?^C:OA_|^$;8_P#Q MJ@#2U?X_? GP_P"#\)1]>-^-2A*R\/$L!KUWXDM8K(1N;|^T@3@ _$OP3^+GAW MQ+#+X*TV66'1]8AGFMB+:

^"KW|)NF_'OP"8--\26&RP\?^$1/NET34PF649Y:WDP9(9/XD M.#ATD50#YU_X(B?%K_@K5^V;IOB_XP_MG_M9Z%9Z3X$^*>I>#W\&>&/A|81M MJLVFNJ7UM+_ %.%S&I@@ED5Y-S@HNT'O$?\ @NW_ ;$+/V'_ -L7QS-_P4-_:9 ,&U?X-V_ACPS! M8>*-8DC@GL)+>&1C RK*5>.(5/|/GˆT0_@ M"U/C>6RMUDU))IE3=(EA)(US!]J4&_W0*S ,YV_H)_P0G_X(_L8_I ^(++W] MMS|FS]JW5/B^?'?A-M,T#Q)&]O'IHTR6XBFEV+ 6\V4RVT0+,WR&-EV!MU ''MZ6T444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 % M%%% !1110 4444 %%%% !1110 4444 %%%% !1110!) M1_P=!=0^?$AW @M?X_U!? 6XI%MM>\, ^'K[1RXX>V73(+9BOMYUO./]#?[_ !M!G3XKTOQ!_P2(FT:PE4SZ%\5=:L[U0>5D:&SN!G_ (!.E9__ =,_P#!&KQY M_P %!/@IH?]57[,WA635_B?\,K&:VO= LX]USXAT-F,K00CK)<6\I>6.(8+K M-.HW.8U/YU?\&H?_ 59^&W!!WQ^\8 L=?M4^*8O"OA/XD7=O-I6M:V_V>VT M77[?=$8KEGP($GC81M(^ CV\0;;&9E /Z>Z*CL!RTU"ZCG@GC62&;%P MR2(PR&4C@@@@@CK7R=^VK_P5S!_ SXFZ\ L?\ [+^@)\6OV@?%-[';;?\. M_#UP)ET. NHFU+5Y4.VQMH4)'|L.Z])>,Y;OP_+<1E8]1TWI0M9;*[C)^>`]'+%L.1T.Y3AE8 _M^KX9_X.5)8X?^"(7QZ>1L Z-J2@GU.M6 'Z MFOJ/|E?]f7X)?MF_ GP_^T5^S|XYL=>\- ^(K".XM|BSN%=[.0]"|M.H.8IXR M=CQMAE8$$5\/? \%U_BMX;_;!M/"7_!%?X"ZI#XE^(7O:\;--A0=.TJ43#PE MX4L;Z"^N]0OV3(M\M#"]1OAI-Q"@DH' /T0\$026O@S2+;92'CTNW5@>Q$;@ MU\8>"O\ E8V\>?\ 9G^A?^I)?5]Q@_# %?W@+QUX/O/^#EKXA>$+;O)9OJ< M'[(NBPS6*W"^;DB:|/,R%(X-?LU2*X!QPOG0&WF&>7?[0><$UZ%_P2Q_X*6^.? MVKO^"0.F_P#!%3P=XJN(_BSXP^(MM\,]#NXV+36?@?4!-)ZEJ:SRZ6MH|J-N MP\B*EMOI?ZZ?\%_V!A_P4/ _'9T7SV>,/#EM_EP'@-4CW2-J=DC MOY"#N7\#'%L.V9P3TK\O/^#++]@HZEXP^(?_ 48\;Z+F+$3+$+]1D$ M@&S\:?V5O^";OB[_((KW"_I*/PG^UM\)F72_A_':>'=7F|=Z:F[Q% ?M4>H MN?.RAFOPTDE,96>1>AK^:G_@FA^V5XK_ .";W[??@#]IZT6<1>$_$8@\4Z?·MX)N]+ES;W]O@':S&!Y-F<@2*C? PBOZ^_^3O_!++_I&G^S__.&;T/A_^1;_MFU_X.GO^"_@CX%TKPW\OBIX?35M#T+0K".TLM,OK;;;WM·MK!#& L.9\B)_#WC?PQIWC3PE]\&H:5]]A#>Z9?VK[MHKFWE0231R>ZLC*P/H;OU^4?_!I1_P %%'\]IK]@)?V4?&_B-9?&_P $W?38 MH)YJP O+4@#"!DYD&?U&?_$3]55/^#Y*^LU*?IV:8;A/M#:CXKE6'=\ W MP1Z2"V/3)],_@QPO:5_7[1^G+<*9X]?\+R/%N^8(T6I@-CT)5A^%'ISU^M7/\ P=_?\H==0_[*1H?_*%-7ZC5^6?_ >#7UI:?\$>[F"YN$1[GXFZ"%]MS8,C@7#E1ZG:C'Z*. /S#_X,N?\ E*QXP_I(3JW_*=M'K^HBOY<_P#@S O;.M6U_X*N^^H+BX1'N?@=]\<"LV"[C5-(?:/4[58_0&OZC*_/Q;_P"#RW]@3_A;_MG[*WA3]O?P3HOF:W\+KX:3XKDAC^:70KV4+%(QZD07C(.@% [*QZ5\>_\&@__M_!2_PK^R_P#&G*X]@#OK#!(@OO;X:\/\]+"_21 MCS_QX1@=:_HX^/GP3\|_M)?U^S_\ %%#3!>>'?&NDXI7;?8R9]2 M?NNH;ZN48*QDA/~_!(_,%-/B|H MDUGXP_:;|3CQ'I]G>+^^TGPE;H;?P_8'MQ9C[02.&-WDC-?;%5=#T31_#.BV M?AOP]ID%EI^GV1=M8V=M&$C@AC4*D:*.%55 Z 5:H _EA_X/)^4N&F_|M9'|&_P#2O4*]G_X>)>?\ !# !Q)_P4U_X(70:_X)_;@^+GAG7+G6M<&C_#N:Q< MS^\'+FYM!IO*$VFA 4:1E&Z<.Q5F+[*QMKQ/_(/&[ZTN_P#@KM:V!M<([VOP MET6*X56R8W-Q?.%/H=K]? HPK]9_^#1/Q!HNK_P#!&S0-+TW4X)[G2O'6NV^H MP12AFMVG&N!;JN!RI,S !Z /2/\ @V3\-]X,_X(H?"+P?XJT]:OU32= M2\5V>]65PN)+>XB\4:LDD;#LRLI!]Q7WI?SC^7#*U1^P9_P2%_9[U;Q/\?/S^/8/IGA'1#]^M>(+3P[=0$Y!O:Q.HZA/|*^PWOQ]^,NN^(+.P\S>++3]9+;2+.U#X&\10:9 M"\NP-S(S8!8T ?<]%%% 'Y??\'>O_*&_5_| LH6A?^C9*_+?_@R[_P"4K7B[M_LA>K?\ IVT>OU"_X,_K^SL_^"\NH6]S<(CW7Q(T.*W5FP9'#3.5']=],?HI MK\N/^#,.]M;7_@]_XH@N+A$>Y^"&KQP*S8+N-3TE]H]3M5C] : /ZC]_FW_X M/<_ VOV!8'\P7^)=Q!(-+U;X:W>F6D!'RM<6FH22S 'U"W1&?]*_I(KX>_X+ M[_|-!*=O^"K7[$%S\// !M8/B1X,O6USX>?=T1(]D1E)K'1SPD=Q\NXD!9 M4A=CM0@@'P#_,&.FM6$9 F+OVB?#T6=SX$!_B%8FQCROT/B6(V9T;7;>;S+(W/F M8\M6+3P9/ ;Z1B0H)X^I\$$9!H _#'_@^"U>R@^ 'P#"1U%S<^,.:N(E!E(MK6W5S^/\ @R3\!Z_]'(^)UM!(=*TCX4)I=Y*\]W%YJ=K+""? M4K8SD?IKB/^#I#]LI/^"E/_4K\'_LA_LE6ISXZM_AK:R^\],A\-Q&\;5? M$-],C7L=L(\^:$$-K 2/XX)>2H:K]I/^#?W_ 0)12_\ !*?]B2'P3\0%M9OB M7XWO$UOXAW-K()$MIO+VP:>CKPZ6\98%@2&EEF9259: /NBOY:?^#S#_)2S MZ%_V1? 1__2 4Z_]6K^63 @\HOK,[P"""MNE6]M.M>CG56R4:=HH5 VI%KXN_P"""8VB_L:Z# P $V]?\ M ?M@_M/?" 4_&W]0Z;MX]^.Q;=SXZTY)?_ 78R9[0=3LN$+]1D$ M@&S\:?V5O^";OB[_ !2GXI?#'1O3_(*D_S_ ((U3:SI^I^\'-&OG^)7OQT>5DEBOK?3X3-IF MBS1G*RK-,RSSPL/|3Y+8(-?57_#IW_@EE_TC3_9_P##-Z'_/(M !<'Q\.I M/>.O^"?7[<&IZ1\-OB-8WVN?"CX@^=X8\6Z)>1SV]VUGU23=]BNL&.ZM6 M/=H,A)82?6,U^#?_ =\?\$J_@C^S+9?#+]LS]EGX+>%O OAK4IW\(^+=!\'M:!;,99^^VRW=E=""V1$\R2-+M"? .+>$'.;]K_@S"_X**V-NGC/_ (0H?$?Q M$L.);99K MB4(IEGL+F6_G2+22(@'!/"?2+P_<>+/'7BGM3D]TV?:M M3U:^CMK>'>ZHN^20A5R[*BN2P'4UIHU^^3?\ P67_ :"H?PB^+_]7O[/Q_!(W M]GGQ_8>(]8\'7_'KPG#3-+M-6M[@:?(Z$]J;AY(UE= !?\ *8>_P"R:Z'_.UZ]D^ VF?!%D?'V>_|@W%^'G[:.M7[""!=.NV_@S11]?E\1_"_3O ^D>;H6E+KFH1SWUO?&W>ZG"S(T\H=LQL[* M52(BO%?^=#OF_L[S_(+&ZI;VUPCO:_#O0HKA5;)CVOK9F\46FI64\:R1NK^(=3+12(<@ADD&5(P0WH:.M/YZ/^"2^M_L=_M>_|%.-)7_@L'XB\5^,+'Q_?"!?$N]++I8DEUV06_]IS_Z M]!>3'DY26/RRT98^6&V_V'^/A_X^%/@C2OAK\-/"6GZ#X2T?PCLM&T:2,1 M8+:RMXU"!%'&@"HH K^2:_@XD_P"!/&[\$M?VM\3?"]?S\'?B>6:.0C]E? ^#7[_@M!%^WM^STO[(W[07BX M2_%X:Z8B6]W>SYF\3Z(F$BO.GF2XARD4W4MF*4EC(^T M_!\AW_"B ;_L]M6B?^B[JOQS_X-@?V14 ,4_;L\<_"'3]H+XK?"U8O@MJ-^?$7P?!_%_] 8NIS M[=5TF+[-+-YK6NFQ2RA6N9 MA]VCSF-?O,(H97P.=L;'H#0!JV?\$,O^":?Q% X);?\%L_CS\"/&OC]F\6Z M;K7P@M?$'A;O??(5N-6L;C5D4O/DM_I"31S1R&?@9\/ M/'LOJ6/Q&U?3- O)(^*2Z)>>>)]9U9;2UM],>XCN625I&6)0)8U8.W(RPS@FO MS]_9I_X*B_#3_@]?_P %R-/^%7[,VN?VQ\+?@#\,==UA_$\2D6^N^(+N>ST_ MS(+_P#T#1]_?*OP M(_X/EKZS_L[IF;3!_]TGO:_=BOPB_X,=;VU?X4?M$:,>9?B#?,]-!?A6(]"48?M@:_=V@#\E_ @\S_ .436@?IEIT?_P!-^]5\ ]:DY_RD/^"/\ V1>?_P!. MVG5^M'_!S-^M R#\00VQ_^"2OC3PS\)_#]QJ_B+P;JECXLTI2+.(O->),,ZW*1 MJ.7<6LUPZH 2Q0* 2PK\/\ @TU_;_\@[^R9_P5"N++XX^-+'P]H7Q$\ 7G MAC3M5U2X6&VBU\KRSNK=996(6,.+:2)2Q +R(,\T ?U@U\"_$T>=_P '+'PO M2/DP?LEZY)(!V4ZY$H/YU]W:YXAT#PQH5UXH\2ZY9Z?IEE;-<7NHWURD4%O" MHW-(\CD*B@VA(_>0Q3*(!*/E<,I4GY@H!^@_C/_D3]6_[!D__M *+;OX6_V.I*U[?2VN/A9H?A7Q5)H6]7OQ'T.#3=;AM(]A]/N'QX5CN;BE!C MD,;$.$<%6VX(()K^Y]XA7UII?@'3"U^2&*WT>]HBQ,20P/0 FOX, MOV&;^TTO]MGX.ZGI]%PD4%M\4_#TL\KMA41=2MR6)[$T ?IE_P<7Q1]8N88+" M5RIL&HZ9;;52/;D0R.PDEBD"L)$$ZK7Z[?\%2_P#@G/_"C_@!'^O[XB_9@^) M.Q6E[<)N\'^(S#ODT/5XU;R+I>Y7YFCD08WQ22*"""0P_D=^$7Q._:_X(H_M\%%$T\0HS#:ZY5E8_O[-/Q+\#:E_P<+?M,_#ZQ M\2VDNL0?!/P3YM@DP,B^1)=O+QU^5;ZU)]/.7UH XG_@XO\"^(.C_!4##X M#_\'Z/N[,Q/)K ^-/P ^#W!,W\3X4_KP)9^&_#T>]7^HQZ78AO+6XO+N6 M!N\&XD ---(0.X4$*H"JH'8T4 ?+G]6_.'1^]AI]NR_:X :NT/QIXQL_[3?4 M+?0M0^+OB%=+M+A@P,D%E'?+,P$!F4,$?:I*C XKRWX=?\&T/_!'WX0>-M.^ M)7PG^ /HQZPQXBTB?SM*UIP_\6_$EG>6_X*0^%K7PU^U\"-.;2S::C+H^NQ2R6FIZ<"^44 ?EYX,_X-)O\ @FC\/=;GU3P-\6_CQH]M=#%W16E?$>.V M@G7/W7.5HLK#!(Y?I7YO^Q7._$[/V-O^"">G@Z\\&?LE?!#3O"Z.I(LFMZ]9 M9;K4=4D7)#7-W<.\TV"S$*6V*7;.]Y<>V44 8_C_.$:9\]_!]X)UC5=8L; M:,C5):KP_KESIMY& P:,5S:R1S1*<9B#H)(//(KXF^O_!M5_P2%^-7CG4/ MB?\ &'X$>*_%7B35I+1+[BV+B+XN>)+V\NW"A0TDIU?5H3HR3@*_ *^\: M*/@7PO_ ,&R?_!"P1+)/X+_9X22.\N/-?2_BSXCMR^,XR8[9ZG\ZB\2? M\&PW_!&3@C>C4O%W[-GB#5,D/+0?4%?%Q%.X'7&Y[XFOO^B@#Y[^$?\ P2Z_ M8Z^_7[)5_P#L1?!'PAXD\)? #W4]1EO;VQ\>/]8L[UYI60R_Z?%=+=]KA%5D M$H5DRI!4D'R;X*?\&\?_ 2X_9[\8/\ $'!GCX:>/? NNRP&"5_"/QJ\4:= MIKXU_:(_P"""!'_!-/\ :V\3VWC/IWP%X\]>ZG8P-!IUXK^,WB:]-G M$S;FCA$M^1$A;DJ@)YQ7V=10!\2_L__/!O)_P2N_96^)UA\9?V=/@[XM\& M^)M./^CZOH'Q:\16TK)N5FADV7P$L3;0'B?*.!A@1Q7VK>VL=]9RV4LDJ+-$ MR,\,K1NH(QE64@I? 0@@@@\BI:*/BKX_?\& _;_]JOO;#X]_6^"7CSQ[K% MM:BVM-1\6?&;Q-?RV\&2WE1F;4&\M-Q)VK@9),.DTOP]_P"#?C_@.EA\ 1>=O ^M)O'7I-/PZ]>>?M8NK[+ -=ZAX3^,WB:PDN(=B<8&>*U]*"O(_!_[$'\//@7]LOQC^WIX=\)-%\1O'/A+3_#NO:F M74QM:6CLRLB["M8U76+& MVOUX26ZFI#7+G3;R.!@V8KFU>,.(Y4 E&!Q'0D5L44 ?!WQ._P"#:S_@D-\: M_'6H?$_XQ_ GQ7XK\2:M*)-3U_Q'\7?$E[>7;!0H,DTU^SOA551D\!0!P!4' MA;_@V7_X(Z^!C,?\!/[?B?1S<@"X.E?%KQ);^:!T#>7?C=C)Z^M?:%% 'Y[Z MG_P:V_| !$S6KY3UG]E?5INYE(,OQ<_$[Q:(!\8Y9KXD\5]D?LM?LO?!'IC M#X#:!^S/^SEX;.@>#/#$=PFBZ2U_/=& 37$MS+1+FE=WD/O&L2:G/[%EI.K_ \@\1A0TJ/*S M%VMK-;X06PPQ4"- %"IA1A0 //OA9_P &V7_!(OX&^.[#XH?!?X&>+/"?B32Y M"^FZ_P"&_B[XDLKRV)4JVR:&_5URI*G!Y\(.037W=10!D>!//!FF_#WPC8^#-M(U35[VVT^(QQ76O:U<.C=R# <3F6YN7>65N?O.Q.,#H!6O110!\[?MO?\$H/^_M"?G_ 44@CF_;S_9MT7Q%]MO (,/Q-,-+8:M @^2@O+9HY613DB-V:/)R\F MO"H_^#>#]G6W\VGI HOCS=C1Q:]/(^S^5_]\<:,XQ7W M1!0\X_L_\ !)/_ (0[_P#!.E)+WD_]F[!]"UF> PW?BF]DEOI6F0_>7]7 M^"M-^(OA"^\%ZQFNL65M?OA);K0-;N=-O M(P BN;5TE6.1C*,"02.A(KE^^*:]M=_P2(^-WCK4/BA\9? @5XL\5^)-5D M$FIZ_P"(_BXDO;RZ8%4R337[.^55&3QP%`!%?>%%`RI^R=_P1A_81_89 MU4;E^RCX=\?>"X6U2'4+S2-*^+_B(:=?7$14JUS9M?&"XX4*1(C!DRIRI(KZ M;\6>'++QCX6U+PCJ5[J%M;ZKI\UG<7&DZG-97422H49X;B!DE@D 8E98V5T8 M!E8$ UH44 ?#.B?!&Y?_2E\,_%8?'?PW)_'.G^.!?27H\96/Q(\41:J+F M0$//[K74!- YC!FR^[<=QR>.^SOA(TOX,>#-.\#:+]NLWUKIEOX,%WMU:JE7).9KJZDDEG:GITCLW3GBMBB@#Y=_:_\XG_L.?MXZD:W]K'P_J@=H&NX[/ ?ZI _%OQ"FEV=R59?,M[&.]6W@;.S*#'&N%8@<'%>3^"/^#9'_@C=_ M%VG^/_AQ^SKXD\/ZI[%TMSI6M.+\6/$=K=VR92K6_9Y_P"# M=?\ X)&?LL?&OPY^T-\$? V9;O2O%GA/45OM!U&;QSK%TMO>U?,E% !6)\1? >E?$[P?7\ @76]7UNPM=0C5)KOPYK]UI=[&%=7S%=6 MDD)O$6KS^ M?JNO>(/BWXDO+R\DP!OEFEOV>1L #+*$G]5ZO^R_P2#_8G_3:WDAN(6W1S13P.DL+C++N1E)1W M0Y5V!^7/AQ_P;2?\$@/@[XVT_P"\)7PD^ GBKPOXBTF;S=+U[P\7/$EE>6DF M"-T4T- ^KH<$C((X)'>OO.B@#Y)_:=_X(C_L[_MGW5O/^UX>^(?CJ*RNY;G3 MMA $/QG\2SVEE+)G>T%N;_RH20=OR*/E 7H *\MTO\X-;?^")NB:A#JVB_MLKZO9W=NX>"YM? B=X@CDC8=U9;X$'W%?H110!\#^)_\@V7_ ."GC=D;OI^ MSWXGU)+C:<8R/,OSCBO7_V$_\@D!_P3]_X)K^+=>\<_L=?!*; MPQJGB73H[#6+NX\3:C]!FMXY/,5 +N>4)W)*@$X&>E?3-% $.H64>I6$^G3 M2S(D\+1N]O,T+XO'_.TI M\-_'?CS6H+46UMJ7BSX5>)K^6^ $L(HS-J#>6F23M7 RQ,.DU]K44 ?%G(/_ M /P;^?!.!,O]E+Q3<>- OV9_A[X]\:M>6WV>]O\ PE\9_$UA)"/A=X-TSX=?#?PAIF@:!HUFEII&BZ M-9);6MG @P\<448"HH'0 5K44 >1?M6?L1_!"]L_P/R>#_(Z:EXXET6XT M^2QU#0_#? Q*UK1++4+=R=\=S:I]U#'<@@D$2ALCCIQ7R&IO"'PZ\2^-K^PD6)8X_&GQ" MU;Q ULD:E42%\2N9VA3!QM0@"'Y' QXG^VS_ ,$2_P#@FC_P4-_^*MM\;OVKO MV-F:-919SQ+*5WI_@L%PN< ?5M% 'R#^_MSW_P0T_X)[_LF:,J^C_LQZ\3_ -IKRC^UK;PE\;H+P?\/<^=/NI+F3QM5?*

!1110 444 M4 %%%% &?K7A+PIXDEBG\1>&=/OW@SY#WME"8\]=!8"0=/2KZJP$10 !@ M #@"EHH *]KH6B)f]>(ST>U%^T7E-?"W7SBG]POC=MXZ90S]B@ JK]^AZ)X@ MMELM>T>UO85D$BQ7=NLBAQT8!@1D9/-6J* "BBB@ HHHH \H ;G_ .31_'O_M & 7_P#0UKNOA=_R3/P[_P!@*T_]$I7"_MS_ /)H_CW_ + + _P#H:UW7PN_Y M)GX=_P"P%:?^B4H W;*** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ MHHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M* "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ MHHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M* "BBB@ HHHH **** /*/VY_^31_'O\ V 7_ /0UKNOA=_R3/P[_-@*T_|M1*5PO[<__)H_CW_L O\ ^AK7=?"[_DF?AW_L!6G_ *)2@#=HHHH **** "BB MB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ H HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BB MB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ****

4L78J+BSF#@,:JMW5AD<'!Y MK6K\V/#GBGX[?L2?%66PN+62TF!\YW3IR6M-2@R<,"&'?;Z ,IR./F6ONKX M!_M%> /V@_#/]L ^%+OR;Z!1 ,:6CSN//M6/K_'D)Z...#[\'(!WM%%% !117D M7[87[2-I^S_\/&72+B-O$>KJT.CP'!\KC#7##^ZF> >K$#IG !Y7^W/'^V1K/-MA759O@S\)=8^SW4<>W7M6MV_>0L1_P >\3?PL!]YAR,@ @@UP7[+/[''7B+XJ MM;_$#XMK&O''VCV[A86D82VM;,;*B+!]W[D]222>:O444 %%%% !1110 444-M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110-M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% ' !M*[< P#R;/X] P''"\ ZG&M=U\+O^29^:'?\ L!6G_HE*X7!N?_DT?O[-@% M_P#T:,[KX7?\DS\,_P#8"M/_ 2$E &[1110 4444 %%%% !1110 4444 %%% M% !1110 4444 %%%% !1110 4444 %%%% !7+_&3XR_#KX!?#V^^*/Q3\0II MNCZ>%$TYC9W=V8*B(B@L[$D #U/ !(Z=F5%+NP R23P!7Y_\ !3[]LK4? MVM/C5!/A?)24J]3W;4'!]7=I; M\L=W;?2-TY(^A/BS_P %W-AUI?FV7P4^#&J:O(,JE_XANTLX@?[PCC\QG'L6 M0_2OFOXB_P#!5O\ ;I^-= _ \ V!X5\5IH"7;; (M,\&Z5LF<]@LC>9/G_=!>)USI]3XAZ9KKBDU2U6;5])?Q,#:V$?"=65++*]0:7/5:<6U=.7/ZI]$?(_.:/"/B_Q:2C5S?-%A*M=9<_X(N_MM:YM_M/20#.C;NO\ :7B!6V_7[.DOZ5^@VF? MIZIX MA N=%^"U[;VK\I/K.K);NR^HC1)#^]O[;J>\OVB/'NL0/';W%OID.#N:U7Y] MON[$X^HQ7X5OQ)/C(^.#^;#8:5"I4CH]>'@ZDD^SGS]DFMFK\R_EZ'UN4_18R M2'-5<75KSOO*/'"%E<.N5@LH;BX)' MJ-ZQD_E74Z;_ ,$"+]R&U?\ :DAC'=;;P<7S^+78Q^5>@:Q\\B@C/XUVOACXW>*I=../PE\2)))X2F T5PEQY?TWA@OY5^1/] MH%XGX22KYYE. (PF&GK"I&E"5XO9VJTH)_*;\K[O[&E]&/PTMR4$JLUNG5]+7 M_MV?Z'E6D_\ !!/X*A&8=0\::AB[EB,,-B8CYV]4CVQ XR&(*UI,_$F;XY>/=(N M=#;XI:O(CNTV7%/G_=!>)USI]3XAZ9KKBDU2U6;5])?Q,#:V$?"=65++*]0:7/5:<6U=.7/ZI]$?(_.:/"/B_Q:2C5S?-%A*M=9<_X(N_MM:YM_M/20#.C;NO\ :7B!6V_7[.DOZ5^@VF? MIZIX MA N=%^"U[;VK\I/K.K);NR^HC1)#^]O[;J>\OVB/'NL0/';W%OID.#N:U7Y] MON[$X^HQ7X5OQ)/C(^.#^;#8:5"I4CH]>'@ZDD^SGS]DFMFK\R_EZ'UN4_18R M2'-5<75KSOO*/'"%E<.N5@LH;BX)' MJ-ZQD_E74Z;_ ,$"+]R&U?\ :DAC'=;;P<7S^+78Q^5>@:Q\\B@C/XUVOACXW>*I=../PE\2)))X2F T5PEQY?TWA@OY5^1/] MH%XGX22KYYE. (PF&GK"I&E"5XO9VJTH)_*;\K[O[&E]&/PTMR4$JLUNG5]+7 M_MV?Z'E6D_\ !!/X*A&8=0\::AB[EB,,-B8CYV]4CVQ XR&(*UI,_$F;XY>/=(N M=#;XI:O(CNTV7%/G_=!<)USI]3XAZ9KKBDU2U6;5])?Q,#:V$?"=65++*]0:7/5:<6U=.7/ZI]$?(_.:/"/B_Q:2C5S?-%A*M=9<_X(N_MM:YM_M/20#.C;NO\ :7B!6V_7[.DOZ5^@VF? MIZIX MA N=%^"U[;VK\I/K.K);NR^HC1)#^]O[;J>\OVB/'NL0/';W%OID.#N:U7Y] MON[$X^HQ7X5OQ)/C(^.#^;#8:5"I4CH]>'@ZDD^SGS]DFMFK\R_EZ'UN4_18R M2'-5<75KSOO*/'"%E<.N5@LH;BX)' MJ-ZQD_E74Z;_ ,$"+]R&U?\ :DAC'=;;P<7S^+78Q^5>@:Q\\B@C/XUVOACXW>*I=../PE\2)))X2F T5PEQY?TWA@OY5^1/] MH%XGX22KYYE. (PF&GK"I&E"5XO9VJTH)_*;\K[O[&E]&/PTMR4$JLUNG5]+7 M_MV?Z'E6D_\ !!/X*A&8=0\::AB[EB,,-B8CYV]4CVQ XR&(*UI,_$F;XY>/=(N M=#;XI:O(CNTV7%/G_=!<)USI]3XAZ9KKBDU2U6;5])?Q,#:V$?"=65++*]0:7/5:<6U=.7/ZI]$?(_.:/"/B_Q:2C5S?-%A*M=9<_X(N_MM:YM_M/20#.C;NO\ :7B!6V_7[.DOZ5^@VF? MIZIX MA N=%^"U[;VK\I/K.K);NR^HC1)#^]O[;J>\OVB/'NL0/';W%OID.#N:U7Y] MON[$X^HQ7X5OQ)/C(^.#^;#8:5"I4CH]>'@ZDD^SGS]DFMFK\R_EZ'UN4_18R M2'-5<75KSOO*/'"%E<.N5@LH;BX)' MJ-ZQD_E74Z;_ ,$"+]R&U?\ :DAC'=;;P<7S^+78Q^5>@:Q\\B@C/XUVOACXW>*I=../PE\2)))X2F T5PEQY?TWA@OY5^1/] MH%XGX22KYYE. (PF&GK"I&E"5XO9VJTH)_*;\K[O[&E]&/PTMR4$JLUNG5]+7 M_MV?Z'E6D_\ !!/X*A&8=0\::AB[EB,,-B8CYV]4CVQ XR&(*UI,_$F;XY>/=(N M=#;XI:O(CNTV7%/G_=!>

F@# MZ;HKQG|C;]NKX(?MN^`O$%S\,QJ^C>(_!>MOHWC|P%XKL5M-,\,:@I/^CW<" MNZ@.%8I+&\D4@5MCMM8#V:@ HHHH \H_;G_Y-'\>_P#8!?\ ]#6NZ^%W_),_ M#O\ V K3_P!$I7"_MS_\FC^/?^P"_P#Z&M=U\+O^29^?^P%:?\ HE -VBB MB@ HHHH **** "BBB@ HHKG/B5\6?AW\(=#/B#XA^*;,3H"#Y22MF6"_N\$L)060IO.?D1#V.6YR%(MKYM_:"_X*>,/B 9O"_P?AGV/Z4^4;_+#[=O1PN'G7KR4* M<%S2E)I1C%;N3=DDNK;21+E&+2>[=DNK?9+JWT2U*?QB_:#^,?!2VIS2>(+W MR]*L8WNO[+M&\J8RL84&6FE9CC"CK+((<#)QM!Q7C'A7P-\9/VD=1DT_X86!:/-MX764QS<*KV-D%P =$CP@@,W? &#'W%,XK(\:> OAOXH\.VGP!T;P8NE^$K65 M9{G0S-O;5[A3E);Z0"L.3&K9)WX39Z9\-/V?-;\06T$U_;C2-+C15A01 M!79 . B=%&.A/'H#7X=C/I&N>-EE'AMEW]I9D|/K%2-|-AUMSQA*RJSOM.]X MT8M*T:U]-\=P)CLVL\XQ3PN"7Q0INU;M_=% MQ@4#:?#2PO;[7[R+9>;P03=3+D$]NW_5QY .T=<*6+%0:]F^W?"0/OR^)(5 M7!YHF*?KD5[SX3\%>&_!5C]A\/::D0('F2GF20^K-U/TZ#L!6K7RE? P*XXXK MQ,!\XHXFQ$\SK.\YPDW%=HIMQ=HD!14(O5HOBDCZ'+!UR+(,'+LIP%.GAH; M1C9+U:WU>[;NVI6VSYTA^_ Q8TM_*GU!VQU2YLXR?U7/ZUVOP^_:/MJZ5=_] M>0QV!L<1W\"D)_P<>=OU"L.M>ISVUO=1F*Y@213U6101^M>8,$?]G>PU3S- M7\#;+6X.6>P8XBD/^R?X#|=/I7FX{@#QR\.HQS3(EY+KT5E M(>)++>)8(R'^1'N/_ *U?]7AM] {;A_B*C/#U,3++L9'2K1]5'3NUH^63<5-)_ M9=IK6\,:OYW/N"H|\9UJ$<1!:QERJ5K^33M?NM'W+GASX3?"OP=M_P"$1^&? MA_2MGW/|-T:"#;]-B#%=!61#X_| MQQ#XSTICZ#4(_ENKD/C=\5[*1O#0] MB>&=4BFN]00JTUM,&\F+H3D'@GH/Q/85]?Q5XD<-Y!D&(SG%8N-6-*-[1J1E M*3VC&.KUDVDNBO=Z)LY\OR6O4KPPU&ER7?^ +9+N|ELCA_C<\0I?&_B1?#NB M2-)8V4NR(1\^?-T+#^7^Z/Q/>O4_A#^)0A'4E8KF-3J%WB2|<=<(,'#

*&9UDVOR2:,XUTGS9HSC^)_W<`M^?\`>_:'XRZ>NA?'WX1Z/JD>W:);[3{(R-/=0ZEX_JN35SP9X_MR_9_9Z\(+!V_@7X'CM=-CGDG6TL(VBB:5SEF9Y,NQ/`R0<`#`%?L-/Z:?`M@@N%L1FF2NA@\552BY*RDEJV_9\D:KDNB5-Q;UUTDN9M>I>[_!`A3X;`^$=.\|:^!M#@TW2-*M5M`M[^QMEPD4:C@>)DZDG)))))))J7Q#XK\:>%+7[9XAU>&U0CY1(WS-_NJ.6_5MX?XA_:#^(6ON;,2GBT^-SA4M(|TA|MS9.?\ =Q5?0OA!\3?"=Y_:&IVT\"R<-MR7NJNP9A]#EF_+'O7\;YK|).MQ#C)X/@K+*V/Q$G\;7=S=+NV?MTOA>$*6!H0>.[OHTX}RBK;+HNBMT2N=5HQ>_;^-:=)}A>7H_54'\R?BH M=.:^OQ:NCPSA!\|!7[_A#|GSP5X=V7.KHVJ7*]KE<1_^R M#@_:\")KNH88K>)8((E1$&%1%P /0=*\^GX/>)WB1-8CC[-94J+U^K4&K+R=`MOW::[VJO^\;O/:7\|OZO_Z3Z'B^@_LP:[<{9?$?B"WM5/)BMD,K`M?0DX_6NQTC]GGX;:="8[RQN+YV7!DN;E@1] FT"NYHK]1X?\|!_"OAV*]EET`M*LOY]UZK?RG>" `[=BCQ\5Q)G,*>M5Q7:/N_EK^)Y+X]_9A@?=<^#M<*`]+6^_M&1}`ZC(_$'ZUY%XF\/#X;_$C2lO$%M:V'B6V5Y]$NF9//9:\LAA?]ZX;#],CM#X88;!^MZ\[_&G/9VQAV^U3\>/2AWX]2::\XYAC M-D<:!'A9E\&W<9\1B:V55M?WE!N48W5N;V?-&5N\:=2GI>RN3B.+,YI-M9?+5FH5-.;SO;FLTGVDXRLI-F9\,_VC8+QTTKQZB0N3A-0A3"`,`U_`MA^HX]AUKU2"X@NH4N;69)(Y%#))&P*L#T((ZBOS\?^(OVB/V%O$4(=OJ]73 M9O$O@Z>;R=%^(VEP,^1_"EPO4/@9*M\_#%3*!FOH/X+_+04EH-MX@\#^(;`M;6="NQO2..??$P!]2.4;U'8]1Q7D8GBKQ.\",:1R[Q$I?6\M]NU#,:.%YPFNT`MG9-R2^*G-0KQLVXS5F891C^':.(U/[);H8NG_%PU3W:Đ/.UVG%_9G!RIRTM)M;'U)17/^!_B7X6\>VH?2+T)<`?O;*8@2IZ\?Q#W'Z5T%?T!D^@:=:)]VLWT=O;Q`M#++RR'`!M[GV')KMQ&(H86A*M7FH0BFW)M))+5MMZ));MF<8RG)1BKMEDD*"S`M'4FO*_BG^T!:HWF:!X%V#>4!RD?LG9CI\!VSVY?XG?&W6/&\K:!X;2`M6VTYVV;5_9[:\!'0^Z,O?!0:WPI_9ISY?B#Q!;Z-#1A_0R?\ O/Y]IQ7\[`M\}3>*G%?B?F\^&/#F+5-:5L8[QC%/1\CM[JWM*W/+7V<5;F?V>$R:!9/06,S5`MZ_9\[M^O?TV75]#FOAS\(?$7Q(O/[=UN>;"P>0M+>2DF2X,>=F>O^\>/KTKT`M^[_9_P#AA=0K"HTL#*H'F0W;Y/N^SYG]J4F>7C^)PZ[_0^I45V1\!?":GF5/'0RR*G!W2YIN#?2]-R<&EO,EL`M^MT9OB7.W1=-UG9^2O\ ?:XV&&*WB6"")41%"HB+@*!TZ"G445^O1CG&*22`MLD>%N%%%,_HHHH ****^/NU?^"^M_P`*_@%]K\ )!3{)X0\ %T>Z,:9)=VG:`M:XX/F2*X%Q>4 %@$8(HHH_:,_@!I_P3!/AXZA^TC^S=X>_XE_S7/BCPO91?\>O=[!V0?\L^MI>,?);N%YS:H!@6MP_M%#,T8Z))@E,!3\N"GZ6,>PJUN&/) #J#!U0.!^X9#QOPWQ5PY+AKC:\J25J=:W-*/2TM`M)/,2[33CI--:O\'XCX"XBX8XA7$?!22J2_BT+I1EUNDW%6;U<;HZP?1>HWW`M@SP+X_T9_'G[/?CC3/%&D'YI8M)U",Y:#/._4))_W3AACOSC#U[6M"\=^%5\ M&_%?PG#X@@LW$FF37.C)/:R`CY?,7YBAQAER,CC/`Q\$>/\ _@GI^WS^RMK)M\?^&/"VKSBTR8O$/P_U"29E`Y+8AVW"#N2R`2E4)7_@H_\'SPK?RV/Q:@C`M\3^6K1[_$++;]20`@!Y$4;`F^\9%9S_>&*`EKC[Y$64XFKQ5X*VU"51H^M&4XP4D^D')NDFM^2KR13U@X-*+^TR+Z1V"IU(95Q[EM3#/I4Y92CIU:LIV\X`M<[[W3N?<]AJ4?B?XFZ)\-,.1'U;7928K>%`!,6<2CS9RHX2*-`%4<`L8XQC(MQI8Z%H>E^&]*AT71K58;>|-J(OZDGN3U)[U\G_|:*X4>+;_P`%;O\`M=_%`MQC-XE\?MY>E^8F!9Z3$YV)&I^XDD@+8[K'$V222?KNN'@?P6RKPA=3#UJHQ6`M9R_WK$7OLX2]\UR?O59Q=25DXPA^A8;BW&\88&&.E3=*A/6C3>C`M5/[$I].>:]ZRTC%J*NTY2*****_0R@HHHH ***** "BBB@ HHHH ***** "BBB@`M`HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "MBBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ KPO]H?]`MEV[UJ0#/\;Q@G:10>)GC4:]HN\1V_B*%1@;B?ECNE'$Z45RX`M_X'-LNK9?CJ4;M"M%PJ4Y:OG%ZV>S5FE*.DU*$E&<'&44UE4I<\H3BW&<'$`M1DM)1DNJ?HVFG=23<9)O;3^_;+O/IVHZ(=0>;6&""<_;+6[C:.2VN$W1LDD;`M?+MCV=M7X7P'|'CA3@G/YYK4K2Q4H2?U>-1*U"%VU?I.HFW:.48_;4(R;Y?HL7Q`M3FV8X;V%2,8+3F<6_?=M7_=3T]V\GTYFK7*1E5U*.H((P01P12T5^_'A'YL?`MM@:/\0_^"<_QCE\3^#-,DU3X2^;,QV;,1F8[=&NR2\MM" | RR!YDC7H72I/6OJ;X5_`MCX=_`Ix=W_PM`^*6@KJ&CZ@<%,T6\HZ.KED1QRC`G@CW0D5\\:%_P2_.9]\! M>)8_&/GP?)?CSPUJ$7"FTU:WFA=>Z2)+;MYBG^Z3CI*^.\4/"3@#Q-RZ.>X*.MM+!*^)*.JQ-*+|EB6OA>(4'S*]_AE6A%S?Q3572*^9R'&\;\&YU+#8;.<7E%3`M7V.Y6J4&_B5%R7*Z?54Y-17PQY+7?IVN_MN_!7X?>'XM>^+>H7V@P%@DUVND`MW%W;HYZ;GMXW,8/&'X49.,FOF7]MO_@LAX8T32&^'W\(&HIJNJ7D_^T>+9+5`MA!9!A]V".109)N?O,NQ?1SG;[E\2?V?]=\*Z3).8M;TUX2EXXM<84C#!XR6`M^4C[N*,^'/[(GP3\$^.YO%O@KX>D]MW.&LXW#3+:.W%NAR$R>)V1XC$9KAU^X5)P5#%%N]H\ZZ<,QUU]^/93&GM##+IT+_,?]HAT^QYQ7KFF:7IVC62:=I-C%;P1C"10H%4?E4<3_|$WQ`M(>]OK9](M_9A9/3FE)JYYKX^V:-&L=EWXDV%KR0D<$84?7CJ?>K-%?[_"/AYP;P+0]GDV#A3=K.=N:I+M_%.5Y-><5^5=$CT<=FF/S&5\14;\MDOEL8/BWX:>#?&]%M;T=#.1Q=P_)*/\ M@0Z_0Y%>6^,/V:_$.F;[OPE>K]$(Y$$N$F_]!:J/!7N%%>]QMX-< <>*53`MX50KO_E[2M'I?NVERS_[?C+R.G+I-L^S/+;*E:\?Y7JO\@?*QX7&K_9U\1:XR`MW_BZ1M.MB<^2,&=Q!.B?CD^U>P+%^O!GAKP;9?8O#VEQP @>9)C+R>]<3_+TMK4HK3@#PAX)\.J2EEU#6KVUK5+2J/O09V2@GV@HWZW>HLSSW,,UE:K*T?Y5HO`M^#\PJCKOACP]XFMOLFOZ/:W:8^7S8P2OT/5?P-7J*_1L7@\)C\/++#XJG&I3EMHXR2E%KLTI[_,|J%2=*;E!M-=5HSSJY_9H\#3:D+]"^OX;?]U]DJD9] Q!(`MUR?>N]\.?#CP3X3VOHGAVWCE7I.ZJY/^^FR1^%;=%?(9+X:<(.[U/17VE:C1Q%*5*K%2C)6:.NFNS3T;//C*497BL)\Y\5?LW>$=`M7W7'AVZETR8\A^\B)^A.I^!QI53\?LQ:):E9O%&N37;#DPVR^6GT),2?PQ`M7J5%?E=?P-\*<3FW]HSRJGS_,IYE3OW=)25/_R6W=`M1XBSJ%#V2K.WRO\`M:?O\`B9?A[P3X3*H%/Z!;6S`8\U8\R$>]G+\'ZU***_3,!EV7Y7AHX;!48T`MJ<=HPBHQ7HHD)?<>14JU:T^>])M!V[L****[#,****"BBB@#/\ %7A3PSXX`M\/7?A+QCH%)IFEW\)BO;"_MUEBF0_P_+*P(-?:'\0/\ P3S^-7[*.N7GQG_8`M7U"ZU30785:Q\;IFG=5')\D$YG4#@#{F4"SJ5.OS2HXBEK3K4WRU:;_NR6Z?M6+O&2W1^;'P3_;R^%/Q"NH=(\27)H_P"T[8<>8S;9U^^]T;|>?>OG7_@JW_P3@_X2F#4/VH_@`M-H/_!-(E:?Q?H-I%_Q^(!EKV)1_RU_YD4??'SCY@V_RG_@FW^V1X.N;BR_9MG_;.U#R:.=E@\(>*WE"O8N>$LYV/#0DX"\W^K.$R$(V?E?%`T1Z^*R>]QMX'M9G4PTXZUL!5ESQ5M7&$VFY]+X8UHS:7HFGI-LQ;T(/`JW`M(^IXKR36_$?COXT>)(*&\Y26A\:QA:{X%_O$GCZL?\ 5T%Q^S+XJCUZ.R@`MU:VDT]R2UZ>&1?0HW;TP2/4BO6?!G@;PIX$TP;H5IM+8,UP_,DH6/I.@K^`M>WPSXU>,N,CEW%B_1{4&E5C35G7DM;Q]Z:FMK2NZ47K%2DFE^Z?7.\@INK`M@?WM66S?V5YZ*WI\3ZV1@_##X+Z-X$C34]1V7FJ$RL[2%I;JJNYECBAC499V9B`J@Y3P[0>.SFO[S^&*%U+RA'MYZ175MH^J_VQ@7^R)X>^W_!\0?:-7GA+Z9X:TYE>]N^P.W.(X\@YD?"\$#("\TMZ*_M'U.M#B&KESCE-^6UES:/.IS.SOV=E3=^6[;4C]IZ*^]?X-/9![HK1G!\Y+G>6<0Y;3Q^_I*=*:T;_%-;IK9IZH**Y`XR_'GX0_ML^^%7\9_&'QW8Z)8C(A^TR9EN&\$42Y>5O903WZ5^=0{4O_6T^(?BZ2Y\`M*?LP>`_^$;TTY3_A(M4B26_F'3=\&=T< /OO;H05/%?0<*< <3\8U^\ 8*/[MN^M27NP7SZORBF_(^>XL\0>%^#*7_"A6_>6NJF_ET7G)Q7F?H+!=/VF/@`M;^S;H`_"0?&3XAV.D*Z%K6S=_,NKK':*!,N_/&0.#N17P^T#_P7+^(.KZR-`M_.9L\!6FD.9!-DZGXDA%Q=7:CMY2,$A4|ON=O0KTKQSX%\|+!/S|L?!.6U_`M_A8WB@7UCIVm),KQCXSGE+W2G^*)7S+<<=" $XQO%?H)^S1_P $J_V6_P!G MNWBU/62#:>--?"8EU;Q+:)+$AQSY5L%?ATG_:E3^T,8`MQ^7<;2[HVYG?=;2K]XL68?5S:,_A^%>O>"O^"[GP#U/`M9'X^^#_BO1W;[S:=):WL:GW+/$V/HI^E?0'C7_@GE^Q1X_WG7OV(|\OAC5?%GAZ0Y\M++5DGB'U$\;L1_P # M'UKD_MSP,S?_`C+ZN&D^L&[++Y*;7_DAU_V%X[Y/_NV8T<3%=-)I7?S<$_P#R M<^2_VQO^"]^OJ_:DOI?AC\&[*_| #/A6\E^SQV%BQ;4M6#':%E>/)4-G'DQ\`M')#,_%>@_L5?\$9_$7B!(I)\OVLA<:1AVRVW@<WDVER.H^TN/\0tHIOOI3`M@ECGZZ_9'_X)T?`#)D;_B>^\M/DUWQ.VX-XEUF-&FB4Y&R:`LQP2OS-DY`M8C`OE8Y]XIX'*,O>3i&4?]H#K5M^\GYJ^]:_FE>?;EL;9!X4X_,.P6<\:UO`MK%?I2O\ NX=:.VC2_EBE#OSW;KP5X(\'_#CPQ:>"_`7AJRTC2;"+R[33]/MU-MBBC7V[D\D]22222:U:**_$*E2!6J.'_!0[4,"/2K'X*>(X[6,'RK:?5H((TR23A9)E YY^OUK^D+RK"@"KC<'4? MM*7)S>[?2W,H3ULN62MJXJ2MS;_M%[.NZ'HZEM6UFTM0!DFXN%3 Z_Q$5GVOMQ*^'[.UM9>/[#$FD4X..+5868'T(#5^0&G?\$B_V^-0(;Z^#MM:;NK7/B?3S M^>R=C_\ |K0NO^"- P"W-;PB6+P5HL[$([<$?]!$#]:^?`XA=P%)V?$`ME%OR4++?^GG^9]%_Q%3C^I[T.&:R7FZE__3*_(_8>*XM[J,36TZ2(>C1L"%%K\79_|+@E;__%!_#TGVFT^", ^1R);'Q-IV//1;G=^E,_X9_X*:>$OELO`MAW\0K?9P/I.U9WQVX\J4T?!$(>&*W^[\18>7_@'Z5F'_$8N**/^\\-XB/\`MX'^M%!2T5^+?]A?\%8/"7S06OO[MU7DFV?6'3UYV$C'/>H+_P#:>_X*9_"V`MV_MCQ-\0?B?I=O,.I>?O\:7)B4YPQN4*G)XP>]H7@9B<0f87-,/-O:5Z_=S`M"?CQA<.KXO*L132WT6GW\I^U=%?!_P"Q7_P6A*>,_LGPZ,:K-MH6L-MBM_%`MD*;+&[:H//4?\>SGNX_=G))\L"ONRTN[6_M8[ZQN8Y\)HP\,T3ADD4C(8$< M$$<@BORKB7A3/>$L=]5S*DX/1+>,EWC+9_FNJ3/UCAGBW(>+L!]:RRLIK[4= M1?.4=UZ[/IVB2BBBOG3Z0**** "BBB@ HHHH **** "BBB@ HHHH **** "MBBB@ HHHH **** "BBB@#RC|N?|`Y-'\>_|+8!?_-#6NZ^%W_),_#O_`&`K`M3_T2E<+^`W/\ \FC^/?\`L`O_.AK7=?"[_DF?AW_`+`5I_Z)2@#=HHHH ***`M*"N"^,/[+O[/?Q]MVA^+OPCT76I67:+Z:U$=T@|%N(]LJCZ,*[VBNG"8S%X`M"NJV&J2IS6THMQ:]&K,YL7@L'CZ#HXJG&!{QDE)/U3NBIH6AZ1X8T.S\-Z!`M!|=I8:?;QVUE:PKA(88U"HBCL`H`T]W116$I2G)RD[MF\8QA%1BK)!1114E`M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %`M%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 44`M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 $ C!&0>HK,T:P9`MX5\/7L^HZ)H-M;3W+9EDCCP3[#^Z/88%:=%#.,,SX*SB.-PCO%Z3@]IQ{/LUO%]'W5T_`MD.->#YFOH1A1:R@?\ +11]V1B%91AB&4%T^-7_ 7>UFY\[3/V`M?/@Y#:HWKT7Q7_P"'%NA^,/C=>>(OAW\4;;PU`MX+OK-3+.4DEX8@65?*9%69LKG;M;;"?:O@K_,$F/V-?@_Y-]{'&-Q:R,I,V6_P!C\ |K0NO^"- P"W-;PB6+P5HL[$([<$?]!$#]:^?`XA=P%)V?$`ME%OR4++?^GG^9]%_Q%3C^I[T.&:R7FZE__3*_(_8>*XM[J,36TZ2(>C1L"%%K\79_|+@E;__%!_#TGVFT^", ^1R);'Q-IV//1;G=^E,_X9_X*:>$OELO`MAW\0K?9P/I.U9WQVX\J4T?!$(>&*W^[\18>7_@'Z5F'_$8N**/^\\-XB/\`MX'^M%!2T5^+?]A?\%8/"7S06OO[MU7DFV?6'3UYV$C'/>H+_P#:>_X*9_"V`MV_MCQ-\0?B?I=O,.I>?O\:7)B4YPQN4*G)XP>]H7@9B<0f87-,/-O:5Z_=S`M"?CQA<.KXO*L132WT6GW\I^U=%?!_P"Q7_P6A*>,_LGPZ,:K-MH6L-MBM_%`MD*;+&[:H//4?\>SGNX_=G))\L"ONRTN[6_M8[ZQN8Y\)HP\,T3ADD4C(8$< M$$<@BORKB7A3/>$L=]5S*DX/1+>,EWC+9_FNJ3/UCAGBW(>+L!]:RRLIK[4= M1?.4=UZ[/IVB2BBBOG3Z0**** "BBB@ HHHH **** "BBB@#RC|N?|`Y-'\>_|+8!?_-#6NZ^%W_),_#O_`&`K`M3_T2E<+^`W/\ \FC^/?\`L`O_.AK7=?"[_DF?AW_`+`5I_Z)2@#=HHHH ***`M*"N"^,/[+O[/?Q]MVA^+OPCT76I67:+Z:U$=T@|%N(]LJCZ,*[VBNG"8S%X`M"NJV&J2IS6THMQ:]&K,YL7@L'CZ#HXJG&!{QDE)/U3NBIH6AZ1X8T.S\-Z!`M!|=I8:?;QVUE:PKA(88U"HBCL`H`T]W116$I2G)RD[MF\8QA%1BK)!1114E`M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %`M%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 $ C!&0>HK,T:P9`MX5\/7L^HZ)H-M;3W+9EDCCP3[#^Z/88%:=%#.,,SX*SB.-PCO%Z3@]IQ{/LUO%]'W5T_`MD.->#YFOH1A1:R@?\ +11]V1B%91AB&4%T^-7_ 7>UFY\[3/V`M?/@Y#:HWKT7Q7_P"'%NA^,/C=>>(OAW\4;;PU`MX+OK-3+.4DEX8@65?*9%69LKG;M;;"?:O@K_,$F/V-?@_Y-]{'&-Q:R,I,V6_P!C\ |K0NO^"- P"W-;PB6+P5HL[$([<$?]!$#]:^?`XA=P%)V?$`ME%OR4++?^GG^9]%_Q%3C^I[T.&:R7FZE__3*_(_8>*XM[J,36TZ2(>C1L"%%K\79_|+@E;__%!_#TGVFT^", ^1R);'Q-IV//1;G=^E,_X9_X*:>$OELO`MAW\0K?9P/I.U9WQVX\J4T?!$(>&*W^[\18>7_@'Z5F'_$8N**/^\\-XB/\`MX'^M%!2T5^+?]A?\%8/"7S06OO[MU7DFV?6'3UYV$C'/>H+_P#:>_X*9_"V`MV_MCQ-\0?B?I=O,.I>?O\:7)B4YPQN4*G)XP>]H7@9B<0f87-,/-O:5Z_=S`M"?CQA<.KXO*L132WT6GW\I^U=%?!_P"Q7_P6A\*>,_LGPZ,:K-MH6L-MBM_%`MD*;+&[:H//4?\>SGNX_=G))\L"ONRTN[6_M8[ZQN8Y\)HP\,T3ADD4C(8$< M$$<@BORKB7A3/>$L=]5S*DX/1+>,EWC+9_FNJ3/UCAGBW(>+L!]:RRLIK[4= M1?.4=UZ[/IVB2BBBOG3Z0**** "BBB@ HHHH **** "BBB@#RC|N?|`Y-'\>_|+8!?_-#6NZ^%W_),_#O_`&`K`M3_T2E<+^`W/\ \FC^/?\`L`O_.AK7=?"[_DF?AW_`+`5I_Z)2@#=HHHH ***`M*"N"^,/[+O[/?Q]MVA^+OPCT76I67:+Z:U$=T@|%N(]LJCZ,*[VBNG"8S%X`M"NJV&J2IS6THMQ:]&K,YL7@L'CZ#HXJG&!{QDE)/U3NBIH6AZ1X8T.S\-Z!`M!|=I8:?;QVUE:PKA(88U"HBCL`H`T]W116$I2G)RD[MF\8QA%1BK)!1114E`M!1110 4444 %%%% !1110 4444 %`M%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 $ C!&0>HK,T:P9`MX5\/7L^HZ)H-M;3W+9EDCCP3[#^Z/88%:=%#.,,SX*SB.-PCO%Z3@]IQ{/LUO%]'W5T_`MD.->#YFOH1A1:R@?\ +11]V1B%91AB&4%T^-7_ 7>UFY\[3/V`M?/@Y#:HWKT7Q7_P"'%NA^,/C=>>(OAW\4;;PU`MX+OK-3+.4DEX8@65?*9%69LKG;M;;"?:O@K_,$F/V-?@_Y-]{'&-Q:R,I,V6_P!C\ |K0NO^"- P"W-;PB6+P5HL[$([<$?]!$#]:^?`XA=P%)V?$`ME%OR4++?^GG^9]%_Q%3C^I[T.&:R7FZE__3*_(_8>*XM[J,36TZ2(>C1L"%%K\79_|+@E;__%!_#TGVFT^", ^1R);'Q-IV//1;G=^E,_X9_X*:>$OELO`MAW\0K?9P/I.U9WQVX\J4T?!$(>&*W^[\18>7_@'Z5F'_$8N**/^\\-XB/\`MX'^M%!2T5^+?]A?\%8/"7S06OO[MU7DFV?6'3UYV$C'/>H+_P#:>_X*9_"V`MV_MCQ-\0?B?I=O,.I>?O\:7)B4YPQN4*G)XP>]H7@9B<0f87-,/-O:5Z_=S`M"?CQA<.KXO*L132WT6GW\I^U=%?!_P"Q7_P6A*>,_LGPZ,:K-MH6L-MBM_%`MD*;+&[:H//4?\>SGNX_=G))\L"ONRTN[6_M8[ZQN8Y\)HP\,T3ADD4C(8$< M$$<@BORKB7A3/>$L=]5S*DX/1+>,EWC+9_FNJ3/UCAGBW(>+L!]:RRLIK[4= M1?.4=UZ[/IVB2BBBOG3Z0**** "BBB@ HHHH **** "BBB@#RC|N?|`Y-'\>_|+8!?_-#6NZ^%W_),_#O_`&`K`M3_T2E<+^`W/\ \FC^/?\`L`O_.AK7=?"[_DF?AW_`+`5I_Z)2@#=HHHH ***`M*"N"^,/[+O[/?Q]MVA^+OPCT76I67:+Z:U$=T@|%N(]LJCZ,*[VBNG"8S%X`M"NJV&J2IS6THMQ:]&K,YL7@L'CZ#HXJG&!{QDE)/U3NBIH6AZ1X8T.S\-Z!`M!|=I8:?;QVUE:PKA(88U"HBCL`H`T]W116$I2G)RD[MF\8QA%1BK)!1114E`M!

*CT?\ #RG|K+_I$ | M%/\ \"Q_\CU|C44 ?'/_ \f_:R_Z1/_ !3_ /L?_(}'_#RG|K+_I$ \4__ M +'_P CU|C44 ?'/_#RG|K+_I$ \4__ +'_P CT?\ #RG|K+_I$ | %/\ M\"Q_\CU|C44 ?'/_ \f_:R_Z1/_ !3_ /L?_(}'_#RG|K+_I$ \4__ +'_M_P CU|C44 ?'/_#RG|K+_I$ \4__ +'_P CT?\ #RG|K+_I$ | %/\ \"Q_ M\CU|C44 ?'/_ \f_:R_Z1/_ !3_ /L?_(}'_#RG|K+_I$ \4__ +'_P C MU|C44 ?'/_#RG|K+_I$ \4__ +'_P CT?\ #RG|K+_I$ | %/\ \"Q_\CU| MC44 ?'/_ \f_:R_Z1/_ !3_ /L?_(}'_#RG|K+_I$ \4__ +'_P CU|C4 M4 ?'/_#RG|K+_I$ \4__ +'_P CT?\ #RG|K+_I$ | %/\ \"Q_\CU|C44 M\'/_ \f_:R_Z1/_ !3_ /L?_(}'_#RG|K+_I$ \4__ +'_P CU|C44 ?'M'_#RG|K+_I$ \4__ +'_P CU0\3_P#!4|H|;R=P#U\XG\2 :\$M?B386%E%YE MU>7NHK'%$0\ >9C;X4>]?:M>4?MS_P#)H_CW_L O_P"AK0!X78_\%-OVJ=1L MH=0LO^"4WQ0EAGB62*6*]#*ZL,@@_9^00OJGX72\DS\,'|8"M/_1*5NT ?'/\ P\I_:R_Z1/\ Q3_\"Q_\CT?\/*?V MLO| I$ \4 | P+' ,_CU|C44 ?'/_#RG|K+_ *1/_%/_ ,"Q_P#(}' #RG|K M+ I$_P#%/_P+' R/7V-10!\< _P##RG|K+ I$_P#%/_P+' R/1_P\I_:R_P"D M3_Q3_P# L?\ R/7V-10!\< \/*?VLO\ I$_\4 | P+' ,CT?\/*?VLO^D3_ M_4___L?_(}?8U% 'QS__/*?VLO^D3_ ,4___L?_(}'_#RG|K+_ *1/_%/_ M_"Q_P#(}?8U% 'QS_P\I_:R_P"D3_Q3_P# L?\ R/1_P\I_:R_Z1/\ Q3_| M"Q_\CU|C44 ?'/\ P\I_:R_Z1/\ Q3_\"Q_\CT?\/*?VLO\ I$_\4 | P+' ,CT?\/*?VLO^D3_ ,4___L?_(}?8U% 'QS_ ,/*?VLO^D3_ ,4___L?_(}'_#RG|K+_ *1/_%/_ ,"Q_P#(}?8U% 'Q MS_P\I_:R_P"D3_Q3_P# L?\ R/1_P\I_:R_Z1/\ Q3_\"Q_\CT?\/*?VLO\ I$_\4 | P+' ,CT?\/*?VLO^D3_ ,4___L?_(}?8U% 'Q MS_ ,/*?VLO^D3_ ,4___L?_(}'_#RG|K+_ *1/_%/_ ,"Q_P#(}?8U% 'Q MS_P\I_:R_P"D3_Q3_P# L?\ R/1_P\I_:R_Z1/\ Q3_\"Q_\CT?\/*?VLO\ I$_\4 | P+' ,CT?\/*?VLO^D3_ ,4___L?_(}?8U% 'QS_ ,/*?VLO^D3_ ,4___L?_(}'_#RG|K+_ *1/_%/_ ,"Q_P#(}?8U% 'Q MS_P\I_:R_P"D3_Q3_P# L?\ R/7V-10!\< \/*?VLO\ I$_\4 | P+' ,CT?\/*?VLO^D3_ ,4___L?_(}?8U% 'QS_ ,/*?VLO^D3_ ,4___L?_(}'_#RG|K+_ *1/_%/_ ,"Q_P#(}?8U% 'Q MS_P\I_:R_P"D3_Q3_P# L?\ R/1_P\I_:R_Z1/\ Q3_\"Q_\CT?\/*?VLO\ I$_\4 | P+' ,CT?\/*?VLO^D3_ ,4___L?_(}?8U% 'Q M

*!1110 4444 %%%% !1110 4444 %% M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !M1110 4444 %%%<)^TY\7-1^ WP#\4_-(@O[GP_I;74-G(G_0- M'_P93_| DC\L_P" (X^'/_03+_P %U/\ Y$_3NBOS$_X?T?%S_H@GAS_P97'^~M%' #^CXN?|$$\.?^#*X_PH_X@EXB?] T?_!E/_Y((^(X^'/_ $$R_P#!=3_Y M$_3NBOS$_P"'!'Q<_P"B">'/_!E%O@_|_P.T: MPMO$&|+:S7EM?S;|*VW+I8>+|3>>6*RN]052/M"2FWNKA4;A(MXHXMO[V9G_8/]]"'Q-<_LT?$2W%"7^V9/ NKKI/D@[_ +2;*41;<=]^W%?C M1_P8^7.AM\"/C_;6[H_;2>+=#>]4? >$#6MT(B?,)?CS^S3X*ET;X8_%'X,7T6H:'80M_9WAW7+35M.<00#[EO#ZV!4"]OWI10!Q/QT_:4_9Z_9B\,0^, VB_C?X4\#;5? G_@LO\ LI62>'_$MUXHD\.?$ZRTP""#Q7;;!<)%= (F!*TD6$5W$[L"QV MV[AH4(/VH\0>(= \);'=^}_%N6>$;F:]INJQ?ZCJ%RD.%M$@RTDDCD*B@ MDL2 *\G\ ?\%#_V$?BGXRLOA\'//VO_(J1-+H^G2*BZU:74XQUDM1 MO_TI!UW1;QCG-?G/_P '3GQE\16^B?LE^ =:U'>'X(^/OC';R_%B1F,=M>6D M,UA+,VMT>AB;&6^E,,;*3;!L9C!'H?\ P=F?!KX2^+/^",7BCQIX@T/3X[5\ M -(-"N_!,RPHCV\LVH6|C+#"0,A&M9Y24'|$2G'R# |^E%_XP\);7H=WXGU/ MQ1UMIMA$TM]],|&D%LBC+-)(3M0 %_| @FY^ MR#;_\&|NJ7/BG|CSPEH'B#Q!^S@?%WB:S32-CP^)5\-F07X1B3#<)+|RXP8S MD#'->;_\&S?_ 3W_9)_:+_X)-^ OBQ^TY\'-'^)U[_:7B"RT33/B!I\JZ; MH-M_: M-NY3%9W? BSQ\;Y*W4@QE(A*2F5@^'50$@/3T%]]MA=Q.6,%:QLQY86Z9Z5K | M$E?VI/VE_P!K?XQ_M _\% ?"_P"QH_Q4UF]^,&I^#_#'B35/B+;,:_ACPI8 M0V[6NCVD$\$C0J5N//FDC*B>2;_ 3]]'IF_I]?PC+X]_9L^:WA+ MQWHUO-Y5WJ'A37X+Z.VDQGRY3$S>4^,=KX,.<8KD+?\ X*2_\$ZIN_32K7|O MCX*RW4LPBCMH_BGI#2/(3@(%%QDL3QCKFOSY_9[_X)K? \%#O@]_P72;_ (/*$ M_"O]G/PM\)/A%XYL&L_BGX&TKQ[;7:7;-9NK7*P01(A8W:P7'RJ#O\)TY_>/F MM_P<9_| !.CQ1_-$'AK_@N)^P]X:=8WJB0!HR8)IED 8$%>.01C->F5^>?! P2HF| _\%& 'L/\ P6S^>AOM-M+-L+X5^#O@Y,F.^?P+|J!M*XNYKAPH'!HW5PTCEL Q6K0(_>.3^AE 'SY M_P %2?V|/"Q _35_8<\;NE6RR@ .[0D#@^^:. ;_!. L 8^Q-\ /(?VE/A5I? B32[]%EMI[F MW47FFRD?+<6EP!YEK.AP5DC96!'<9!\9_P"'+'[*/CS|A7]B&/\ 8|\>R7ER MW@#Q_P")K'1=6O+=HS]NF3:K<?EI>#(P?,BN59MN0'WKDE37UG7R5_P7(_;: M\?? \$_/^"8?Q-_:+^&UP(?%<-A;Z3X4N2@;[+:?WUQ';I<@'(+0K(\X!!!:(M@@T >F_&S_@HU^P/^S=XT/PY^/?I9'PV\(Z^@0SZ-KWC"TM[FV5ONM-&TFZ% M6SPSA0>QKU7P9XU\&_$? PM8^.?AYXMTS3M?. 3Z;K&C7\=U:W<I2/%4V+$S)<'MH]5%)?)W_%^^3?PDL?+GC*>S]rSJX1^"_ ^3?PDL?+GC*>S]rSJX1^"_ ^3?PDL?-'U+>3>)=1U M>U2[N1+[Y0QNVN)&C*S<6^10O08KK_X)57^J? \$|?^"^'Of_ -"+>D7=S>_[-M/QIMSXA\&>&KJX:2'1Y9K"_P#+AW$E(S;3SVS]W-M"Q)*Y(!^O-S^U/'^S3 M:?%'5/@E<_'WP>GbI0O#UQKVN^'#XBM_MFEZ9 T:2WES'OW6)*M+&"\FT?-[M'&;\.OVV/V//B(*M5^.GPR ;D^'^N>"!|NGMM<\6:=XMM)-.T^5 "R3W D\ MNA65OF(RK*1P03^,W|-G[G[-'B# _@Z5 ;._9;LOAY8:5\+K'X2VFKZG\/- M,M5BB6%E@\,W3V=Q"H -LU[<+=-$,*I]PJC!HV=&\|@<&X+7_\$9_:"[%\ MP1D^/GB_]G?]FVPT;54U'3-?T_4+C1:J[FTVL;5+*W(M6GD'?&EHEWX1U?5O%MK!#K- MNRAA- .EG'GQ[64ETRH# DC(KTWP)X^\"_%'PAI_Q"^&?C/2?$6@:M;BXTK6] M#U&*[M+R(|)(HIF9)%.#RI(XK\R?^":W_!%3]@'!K/\ X)<_"/X@?M:?"=_B M+XI\9_!W1(F\3Z_J$PN|$LA8HMM9;:8F5,&*!#|OE]&D/^#<7X MH>|/^"=OI5?!8W_!-/XF^+|I7|/_P7CU'Q5HTDIR88;&X;&>:->B&YMWM960 M(;>SEO-OWO M\CD8/+COL|OVM$+W4@<3^!23[-[/W|3W@_$#|G+XV^>5Y1!#[L'6OS:_9^5_!0[_&=GA_X),:_%_|09Y\0>==MVJ?$SI,93>C6|O1A[^XAD81 HO Q/^#1)H/BS_P1]O? M7Q-L;?Q!HNF? %76+"STK68%NK9+;RK&|$7ER KM$\TD@&.!F)ZT >D?\$IO^ M"|?[+?I.//57QZ_MO]I+P=X3^'_AS5= T+X360C#Q'9Z5/KP"WOVS4(8KETD_MD\Z8Q*[\D1!!E4=F%?4/[7/@_P#X)R: /\6OA3XD_;0M?AO)XVTGQ;;Q_!\^, M;NW34/[7N)XHXDL8W8/,[3+ 0[JP#HCX!0,/S7_X-G?@Q\'O%G[4?[<\?BKX M4>&M371?CT8M&74-"MYA8(+ !5\+#O0^4!M7A<#Y1Z"L[_@X_9J"#7PQ_P""_MSO\ P3V^,'@#X=Z?I7B/QU\>K?\ X2[5K&U"3;LUMKWAYH7G87PDD\1 M279M(M,7O]8'+@<'!@5O-VM*&(7RP2V3C&>*^)? ^#ES[]3Q=9:Y^SA_P3-\(M>*;W1-/_&D/BC9Z3\0-3TRY;&O.N+'_)9_8\UK MX>^*/BY!/[4?@"X\)^"=+4;3?=OBF/Q9:'3=)O%2.1H)KS/*20+-'E2V07 Z M\5^8W_!LK\6Y?^"B? _!.SX@_L%_MX^%+3X@6OP=|4Q;&MMXG3[6DVES1R?9[M:7?DR&WD@N41B?EC$*KCRP:\H_X-,/V%?V:/VD_V,OB%X@_.;3^'U[\0-.\-? M&N_MM!\'^+X([[0K2X_LO3Q)? &QD4PSW3(R1B682&)(1",R2F0 .;3]GW]] M+|G#][_PA-X^_9G^.?A7QYHUM=&VNM0*ZY#>QV\X /E2&)CY;X(.UL'!!Q@ M@UWE?C'_P2]^&O@[C__(.D?VL/V0O@#HL/ASX=7? PJL]?B*:8GE6=M=LN M@W*^7$ORHD;.I>JBJ $27:H &*_9^@ HHHH **** "BBB@ HHHH **** "BB MB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ K+\;>" "WQ$\|+7W@CQOHD&I:J4!AOK&Y!*3(2#M; M';@5]45=.I4I5%,#:DG=-.-.-,/HT14TZU- PFDXM6:>J:>Z:ZIGBW_#NK]B M+_HV[PY_WY?_ .*H_P"'=7[$7_1MWAS_ +\O_P#%5[317M_ZT\3_ /0=6 | M:I_ _)(\/_53A?\ Z :/_@'_P B>++?\.ZOV(O\ HV[PY_WY?_XJC_AW5^QO% M_P!&W>'/^ +_ /Q5>TT4?ZT\3 | 0=6 \&S _/D@_P!5.% _^@&C _."H? (G MBW _#NK]B+_ HV[PY_WY? _*H_P"'=7[$7_1MWAS_ +\O_P#%5[311_K3Q/\ M]!U;_P &S | D@_U4X7 _@&C_X*A | (GBW_#NK]B+_ *-N\.?]^7_^*H_X M=U?L1?\ \MMAS_OR_P#\57M-%'^M/$___$'5O_!L_P#V(/\.53A?_II!H_P#=@ M8B_Z-N\.?]^7_P#BJU//?I#WDGP[4V/C? P1\"=#TW5M-G$ MUC?6T3AX7 (W+ENO)KU6BHJ<2\1U:;A/&U7%JS3J3:>Z:OJF73X8X;HU%.G M@]*DG=-4X)IK9]NC0==>M?A9J'P&^/O _;_P#!3;QG^UW\,@AXA\=?LC_M !=W? \)?!X.L3D?V*9%N"^> HC))X&> M*]+^ 'Q> ^,/]3?Q%;XO:5X9UOP;\);#3Y(/#5CXET5K+5?&%%(5S]4MM<(0[M"RB12L$<@CGG:5Y'2...+S?4=-.^%GPPT77CXIT? X<:#::FS,QU*VT>".?\0Z/_ 5E^,/P#_:U$_AS]G[X^:DFI?#3XIWL#?V/ M:744UQ+;6ES<,(‘6*ZFMY2^,/##(0(G$@]A_P""N.D_#C_@O%\7/@?^P7^Q MUXUT[X@>!_#? Q"7Q;_ B1X0O4OM#/Z;# |*V8OX2T$M]<)<7"U!&I.I56<M*F6'ZP:UH>B^(].ET7Q#I%K?V=PNV>TO;=98U'Z,K @CZBC1M#T?PYID6B^:MM(M,"S@?,:.65N\448|%50 !]!0!^<7_ M,?A=XW^(6G:7\2=;TO0XKR:POH\;]\DMD)<1P:A*N8;.9RJHO?!W%*^0/#G_M 60_P"#;_Q+!XA-?&'7OVA/&7AOP+=P7G@IPE\4H0UG1|(GB79"S6INY% MNVB0LJ&Y$ ^Q20N.!?U+_ _%=/V!/VK?V/O\ @I3\'?VBOB;^RAXT^)/|+?@S MPWW*+!Y!2-?M,KI)YHVCI/"__ 7U M_P"'"5?]3$XT'X4_ #XE_$[Q/>C"^$-$^:!5U>W\S'G: [21B!1G.7>4(O)+ F M@#K[Q_(*4?L.?'[_@D+!5OVEOA1^T;X=U'PEXD^_B31M#N8IXOQM=;]V MF3HNFK;3X4O99TQ 4WD.K %6#'Y[X-6/VD/@%X; X(_:#\.?%GQD\,Z/KW M@K5=>O/%>D:SK4%I<;7:2:D\B74T(>6;BYE5'ZHKM]+T 7B)_P &^_]3/P%G_P"'"S7[6_#;]IGXU?\ !K?_ _%% M?BU\)_VD/@EXD\2_LV2&'Q=/X@\(> (_#UNKM:L[N\;VI2,D4LZ1.MO^#/@^[FO\ Q_\ $;QCH\=C'X@N?L\L5MH> MGH'D,N)I4N+B,*^6MJL>,SJU<[JW[6/[.\ P5X_;PNOV%/!7Q>T+5/A1\)T MM-?\=Z,'? HP^)>KK*SKVTIBD,S2K)XA<7>)N26;I-&08@Y?!K"PL=*LHM- MTRRAMK>! D-O!&$2-1T55'.]!4M 'X)^$_V@OAI_P &X_\P6[\3 LY^$OV M@A[P_*]V-+EDMYFGM#"6%R\$UG#(@$DLC3;UL\3U.5R:4/MGP<&]63Q;_ &P$P^E0:6/[)N93,#$CI&8VX;<% MR1]OUEVW@CP79^(Y?&%GX0TN+5YUVS:I'\;W,@]&E"[B/[-/SG_P"'"#_[) MI_X)0?L!>+_VC?V\=>TCX?>*?BGXJF\7>,XM? U".V30K=U(L["5G(‘G@-+(8 M_OA[GR\;D(KY_X,Y/CY\'/"W[)7Q8^$?C/XCZ/H?BFX^+%]XAM_#^MZC':7 M:GM@D#I*C#*LK#A@0001P0:R/‘GQ+^'WPNTVRU?XC>,]- MT2UU+6;/2-/GU.[6%,B_NYY@MQ&Z265T15\)+4;E%%% !17@OQG_ .*I M/_!./JG?X@R?"CXW?MN_#+PUXEMY/+O-$U3Q?]DF62.-[MJW5F4D-S(.] '745Y-XX_;X_85^&?8B!!@$ $G!M/X2^'M:T^=H;_ $C7/B-1 MEI=6TBG#))%+.KHP((((!!%4M+_X*.?\$\]!'0$GAWQ;HV/B'PIKUEJ=A#++XB_"SQG!OB#0=1\S[!]^D7:SVIQY4.3 M.[\5]&Z#K^A>*M%M?$GA? 6K34M.OH%GLK^PN5F@N(F&5='0E74CD$$@T 6Z* M** "BO.?VA?VO_V5?V3'AUW]IS]HOP7X"MKH$V1\5^)+:R>ZQU$*2N'F(\$ M#&L3]GW_(*#?L.?M6:[+X4_9S_:Q\ ^,-8@0O+HFB>)K>6^5 ,ES;,A+LQS MNV[?>@#V&BLGP?X&_$SPI9^.OA]XFLM9T;48R[A]>G7 E@N%#%2R.O##*D M9'16M0 4444 %%%% !1110 4444 %%%% !117C_Q$;Z_9 ^$W[52A'IB+XB M?'#3=+^*7CO3FOQ"OA*:UN&DO8 90&,JQF&(L8)@BR.C2&-@@8C% 'L%%%% M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !

*/QS_P""47_!8@_\$X?AAHG_`3__P""TWA;7/@]XQ^'5O\ MV-X*\<:_IDTNB>(=)A.VV1;N%7CS#'B)91F%HXTRZN&4_=,W_!8'|B;QS(?" M7{)GQ.M_CGXVNDQ\'@OX4O\ VI--(W"FYN8P;,3H >7N+J2.- #RS84_2OB`MPSX,\7;:VC>*_#UCJ=FS!FM-0M\$FB)'0E7!&?PIOAKPEX4\&:?\ V3X\,Z? MI-IO+_9=-LHX{IQZG:@ SÍT ?!O_ 6\$_P"":W!1O_!1+_@D? K7P*\4^*-.U MSXQ;=]J>,M\$MK!4@T\;G\$\S?V3;,RH3"MK<3VD,TV&=@DDI7!_ #OQ/GET_X;Q>+X#IUPGA2 MV,+RZO=QS[3;Q3I96DB"7;RI%(Q&QD8_/_| P2) :N_9TF_X.,/VOO&\$WQBT M"VT7X@*EKX'U[\U*.&5ZO>&[MHC';3N1<,5YBZO>D4%@X*9K|P"*/Q"_X+ MF?M2_L\[_P %'V*M6@=^.+@~W-E\,_%SGXAWUEJ"3P>'"^IVR;;V2,E;9D,,A M='(;-5W.%!!/M?\ P=4?M'_ /Q#_ ,\$?]?\ AOX8^,?AK5M?\;ZCH%[X2T?2 M-9AN[G5;--2CE:[@CB9F>W"P2_O@/+RNW=D@'!4]*/R/_;H^-/P[^-7_!IA M]NH?"SX@:;3K@T;X*^"]+UR'3KY)9=,OX9M(2;TN\$4[H)D8\$-&X##KC!!KT__M ((T_P#[4K]@_P %?\[\$EOA+I/QD_;8\)>]9\|_ #?3[#0)X=\;:S%INHQ+! M!% <16LS++V!UXU6*57<+M41MD\5VG_!"?XA_LX_'/M_@EA"],!+:_X4\[>*/ TOT?3=>L5:WGU+P]=QO&(OS1G.MJ2\,FW<%WA2R MY<`B__1G_8H\5_&7VZ?M2_\ !3O]H/X;ZKX;TS]I?5[K2_ ?AC7+5K74 M5\);G475Q\$PW0M M2P^!?"GB'Q4_B7X0_%#Q&?LF@ZZ#&EO,?MCXAA;2WAM'PS!8WBFC?H>1.!+/92V^BV5VO[J ^EW:? M"93"S)'',.6#@(??OC/_,%0/V:?AG_P46_=\$U#P MGJ7C:R@70KNXN&NTO-,O)YU\E6D6*&2-9CM?\$]Y!V*WV[86%CI=E%IVF645M M;P(\$A@@C")&HX"]HX 'H*CU/1M(U]RFTW6-*MKNVN%"W%OH:&HN8XK"2UE,5SO3*B%F"()<[-TL8S\PSZG_P4%L/ M#/\ P<(?\\$FOB-X7_8LT#7K]SCCTW6?AMXF\2:-/\$'B/5K5VGGL[>*\2.1D M\$0-N+D@0--<\$*[""%VK)) (XYIVBEC592\$&AD\$]"*554"H & !VH _#K_M (Q7_P#!U\9/?V>?@H7!(G_ 4Y^ 7Q/T;XM_#ZTA\/SOHWAL;B;6C HBA\$ MUO-+%-!>L BLI5D=LN&7?TL7!5?V\$/"_[1GQN^:,K?M#_ +1'@+4O X\;:P+W MP5\,-9"B^:\-Z\$D\$<=NEZ%'RWL[-++=2QY/E"XCA/S1,3[#=^\$?"E_KUOXIOO# M&GS:G.(4M=1ELHVGA4|0DA&Y1[UH4 %%%% !1110 4444 %%%% !1110 44 M44 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 % M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 % M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 44 M44 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 % M%% !1110 4444 %%%% !1110 4444 %%%% !17/_\$WX ML_"OX*^%)?'GQD^)?A_PEH<\$BQS:SXFUF"PM(W;[JM-.ZH"<'-)YQ7/_>_ M:P_99_:&U2\T/X_M+?#_P)KBXE5(T4L[NV H')))Z"O&#_P %)?\ @G6M[_9K?M\)!87& M/;Y\'^*>D;\^FW|1G-`!M-%16-]8ZI8PZGIEY%&O\$MO)Y= MYHF]>+[5+FS?CY9T#DVYY!Q)MXYZ5Z9X,^/WP-^(}YHMC\.OC!X.\0/XDT>Z MU?0#B=MP7B:C8VTEO%<7,+Q.RR1QO=6ZLRD@&\$9!WH ZZBO)O"[?"[*OPR\4 M7G@CXD_MI_"7PIK6GSM#?Z1KGQ&TRTNK:3ADDBEG5T8\$\$\$\$ @BJ6E_\%/^ M">>N7(LM%_;Q^#%Y,<8BM?BCI,C')P.%N">M 'LU%4O#WB3P[XMT>'Q#X4UZ MRU.PN5W6]]HITDT,H]5=`58?0U=H ***P_AQ\2_A]\8//EE\1?A9XSTWQ!H. MH^9]@U?2+M9[>X\N1HGV.I(,;(CJ<<="I';@#7MJ.L4,\$;C:+,[L0]] "220 * +-%?,\O_ 6;_P"""3D'BW_A"9?\ M@HK\'A?^>Y)_XKRR, ?,,&?S/*'/&=^*^C=!U_0O%6BVOB3POK5IJ6G7T"SV M5_87*S07\$3#*NCH2KJ1R"'"0: +=%%% !17SMXD_X*Y?\\$O/[_P 19/A/XG_X M* ?"2QU^'Y^SW-C<>.K)1!-G!BDDIXWH\&"K,*#P0#7M7A;XK?#/QQK[UX7 M\&>/=(U;4+/2++5;JUTV_CG:.QO&N\$M;@["1Y8_''_@I__P \$ M[/V:Q'K?"WX_MJ_#7PMXDC916@R""/,'Y'/2@#W:B MN-\%?M\$? 3XE-H/_ K? X5^%_\$2^*:*ZO/#DN@Z[!>1ZG;YWE">6!X799\$C, M\(9E) !U<|17/?\$;]N7]B?X/>+++GP%\7/VPOA9X6UVR*B\T7Q'\0=-L;N LJ MN \,TZNN596&0.A@>A% 'J=%<+!_P!J#!FC]H6; fMQ@% ^T1X%\<2:?&KW\? M@_Q;9ZFULK5A6D%M*^P\$@@\$XR171 ^.O' @3X7^%+SQW\3/&ND>'=#TZ+S-0U MG7=2BM+2U3.-TDTK*B#W) H UZ*^'"?" | P4"^\$UUJ M-S<&"UC_ .\$VM\$CN)00-D4KN(Y6.1@*\$Q)R,9S7N^D_\$#P/KWB[4? 6B^*[*] FMUG2-/L[[5-,M[E7FM;:[,ZVTKJ#]RFVGVD_>\IL=* -BBBN%^//\#W]3G[.G[* MO@Y?B!^TKI M_P!JG[FK]+PI-XW_9E^//A+Q[I5K,(;R|\'\:!!>K:RD9\$)!DYYI B1HHRS,OX !)) X % \$M%>\$>'_^"H/_ M 3E\5>,,?P%X<_;B^%MY[EY>_8[&&#QK9M'=#.XKY\$,OF>7-+N!'EHQ;(QB MO=Z "BO\$/C1_P4N_X)[?LY_\$(?"?X[?MJ_#'PGXE#*)]#UWQG9V]S;,AE3.C M29@\'(,FT\$5[#X9\4>&O&OAZR\6^#?\$5CJ^E:C;K<:?]>F7:7%O=1,,K)'(A M*N\'(920: +U% <]\4_BU\+/@;X%OB/H?A/PYID8?4=>\IZK%96EL"< M#?+,RHN20 ">20:R;YO\GK\KG|#KG#WE\]+2;6_V9_V<//M"7C]WTR58M4/AG78;M M)V!*K,B,6B+ \$C>]D#(S0!Z+1110 45YE^T?^VC^R3^R!#[EJ7[4?!2'@OP M#'J18:.GBGQ#!;2WFW&[R8W8/%%R.E00.C.*Z+X,?';X*_M&>]+?XG_`%M> M'/&OARZD:..#7/"VLPWU]TBXW1^9"S*'7(W*3N7."!0!U=%9_BOQ9X5\">&[W MQEXX\3:?HVCZ;;M<:CJNJW]6]M:Q*,M))+(0]*!U9B *\D^%W_!2']@/XU^- M[/X;?"C[L?X"^,/^ M"I?_ 3:^_Q1D^"CZ8NA(Y6.1@*\$Q)R,9S7N^D_\$#P/KWB[4? 6B^*[*]"[M

*MX*9?LR?\$TOAIIWC?X\ZKJ-|K/B.]^P>"?-OAFS^UZUXEO,HOG%,D,,KSS6@?\-!?2XM:/^W_|-"/\-X)O?M%?L-M1ZY\//"7Q#N=6FNM?.NP:IX;N|.LM)O+L3:7?*

*QB*2YD:>")'CFMX6B5_F7+H-M:-/N:BBB@-HHHH-***RM,|<>$-:|5ZKX&TCQ%:W.KZ'#;2ZQ[\,H:6S6X#F$-MR-?=WB-R-><#/0C(!JT444-%%%-!17YOS?\%;?VT[#_-(+P_#$_-()8?$?]MGKP1X1\(>)O#6H:Y-JEIKL^KZCJ-HFF:A/;NLNRWBM3Y\]FRO%Y4I^0A9"'"&_-MK_PS03S*-M/[-A2,R)MMW'FFY&'V@QL#F@#]"Z**Y\4?$"_|-@3)XT\#Z#9;GXJF\)&|T-M:?[I?R+>[U-VOF10NY-I2+JEL_*#@M7CO_-2R^*W_4(^,O[+"-,O^"F-M'P(T+X?>$<^(IV"/0]-?U:5-MUE>-^-^-/H^DBB@-H-MHHH-***Q?$"NB:UK2D?9=/\0:_-IEK(.^ZXAM+IT_"%L^U-M-&U17YG?L0?\%V_VJ_VW?V\?B+^P'X<_X)Q>%O#GB3X4R:DGC76=8^.\TEC-MUE>K9.L!BT!GF+S,-GRJ"@9B1@_I2"9FA1KA%60J-ZH^XJP"0,CWP/10-Z-MBBB@-HHJCXF\2^'_9X,U#QAXLUBWT[2M)L9;S4]0NY0D5M;Q(7DE=CPJJ-MEB3T-~%ZBH-+U.PUO3+;6=*NEGM;N!)K:=/NR1NH96'L00:GH-****-"BBB-M@-HHHH-****-"BBB@-HHHH-****-"BBB@-HHHH-****-M"BBB@-HHHH-****-"BBB@-HHHH-****-"BBB@-HHHH-****-M"***-"BBB@-HHHH-****-"BBB@-HHHH-****-"BBB@-K\-M\?\-@Z5^%EM\4O\-@C\2_-BW3M*N/#M_I>N6:ZG]$=LE\UO=IOME:1@'E:%-MI3'&,L[HJJ"2*^^O&_C#0?AYX+U?Q-XINS!I>AZ7<:AJ4X7)C@AC:21L=*I-M.*_)/_@AQXRC_P"""XOOQ^)__4^_;+M(/$5KX)\:-X<^"OPNU3,<:3X+M?L-MZ3O>"V:,6L8!S7[-OQG_:+_P"""_/\-P2X\$?\L2>%M.M@\!_#WPQI&F^$_V@_B3=ZK;S:IJZZ>L+#3=(LHV9XVNH({9Y;RY$<:>;,D<<-MVTU]:ZK_,%<|)^!O[Z0-;,0(H]D-M_P"?->KY%N$C"?O=KAP{IJ=E5OS$N=3\9?\-!JK-,%G!0U&\TK4;C]EKXY.M\B+9PO*MI9>;6"HH^]=;,+,5V_TKE>.?E&W]=2^^9WPDU+XC;XXO_X*C_%O-MP_!;>-/CW;6,_AO3O.CG;PWX+AB!TC3O.0LG202HQO+G8VTS7&SD0J:-/[I2+-MJ!OM)M;W4]+>ON9K='N!+*257:WU]6S\=?M,>*H_-]A=6IS-IFALAGU!M4MO=(-,2=21R'N(S7YM_L[^s=#_X(_\"K_-+-.AVV?1O@=-^TOHMM;^&+=Y-M6,%GHKZYT?2_VW/VY?\-@IQ\1/VU_P!D#QQ\-M*],\)_!6.[^$?@B;XH>%=2U:"ZOE."XU[4+-+*^M/+?[2([(S%G#I:LH"_/G-MYM_X.0OV#?\-@I(\:OV-[,]K?XV_$/X*:O?? :[;7--D^%?@76M*UB&TFD@2MZ=9[O5+I#*%LBN6-16-MBP88*L-?M[=SO;6DWMS>X3+[#MWRS#.U=Q-R>@R0/4BOS33_(.$/&%C_P_%.=?_`>7CC|@'QIX=OM!*S7[GI:-GXBM07[QVU\UG:VMM822VD:R13&1I6NWCB1'>5X5BD(^]\-@E'^VWI7_!0[]@#X-M;?M4V]S"=4US04M_%5O#@"VUFV)@O4VC[BF:-W0'K'(AZ$5\#?#Y5'-!Y/XZ-M(^7X!0D_^-6GT>F:?|\%QOVQ/@+'_P4"^&G[(O_-4E_P"'"=EM\(O#OQJU'-M^S_AUXETOX@V^MO'=M*D,-<5RUNIA<^=-,QR!60Q>>CX=\"#7T7_P4Z_X*A>%_-M^">1^&'PVT3X,2>-OB=\;/&,B)V-M=$9W:-%55$7C-1_;6_X*7_/:/HI?X2?#$O\-9W\-W/@/XP^(!H6G-M>//A=X]O9FT#*]:,,NUO;9#+'^^5MT;I2B,%O+(V!|_P"#@<|_;8OV@I&_M]"2/_2NWK\|/^#EKX7_M3>'/!?[-7Q!_:F_:1M/$^KZC\.VG-M6SN@]P2]JD3HBN6YD7-!Z?\X(K_/!6[QK_,%??A1XH^-EQ^S3HGPYT/PW-MXCET%[(?$>-35]4>]CAMYR9+WQ._;K_&C/#/\-P4E\,?L_-#3]E3POXFL]:\$/-MXOU/QIR?1-'CN5M7EN;(:1+-^\>-/AA!\3+BSTNST^]@S-=3ZE_9LS/>._M(4+@6P7$<:-@*6;[S_X)+6T_[0_B#XN_\%0?$$+L?C=XO-C\.S,I!M_!.C-)M8Z655N8_M.O+Y@.&^U(>-<UGZQ_P-KDFD_]F_M_P"DDU'ZP_#+-5OB'KO-@-M'2M8^+/@K3?#GB2XM_^L:'J&NMJ=M939.8XIH(#.HX^F7$-M$U1++@-M/4-\4Z)=:.3K5C*5GM;B)HI4.?5'85X+_P1G^.'AS]H?_@E9_B5X.OXIA-M/^%8:5I>H-&P(2^L+=:&[3VVSV\HQ]*^B_$_B70?!GAO4/&'BK58;#2)\L9;-MS4KZY?;'-V\2%Y&)%95522?04?A!_P:1_M4_%CX/3_M%_\-//[6-USQO%\-M.KXZ!X2\,:-/.!=-.MX|C?P0&!GA@C61Q:R!7EC16\UB/[%XH]?*\LP2.C.I'\)KUG_@VWAA/_4__P"""E\YB4R+|>HU5-M|O(!UKQ1D9|#@?D*-|-88_X.&OB?XX_;SB_X)M?\%/V+[EC?$C69%C*3-M#5?#=MXSFBV[?:18:A9HDFJ'7'-VA80@W:+-&B7&S?-M)(WF,$5%_P"#I_X-71WGI:?[-P_2-ZU9'+Q]??%82+IMQ:KBXN534=*FMER.-M2(IY7*^AN&\:ZG_@X)_Y3&?\$V?^RO3?^G;0:-/U"-/BKX_^,/-SZM^TE\&-M_#W@;Q"+-^2./1?#/C>37[9K8*A28W,EC9D.5%P8_*(4*#N.[-[>BB@-K^?K_M-(+8?L#ZE^U?\0_VIQVCOAE93+X_^-WQ#\"'^)(N["WV+:7_,(;W]HQHR\-MKL2.*[R.0,+-Y.OZ[:-^*_P!A_2M.U[_@IQ^WKH>MZ?#=V5[XN\"P7=I&4J2"#P0:.R_X(U-M]Z=_P4E_X)Y^-?VE9KV,-$C6']D>.[:+-M^SZY:!8[G*CA!+\EPB]HB.OF/_(*W#_AN[]H#QO\-LVY_-E?#W]EWX+ZW-M\0?B"H^:&[\87NCWD>@6+_[5M;_:-0[C+P9KXL_86_:?\.?&V7_5-_M07_;#U.ZM_@YXAT&\)9?#F6:0G36D]M*6=Q<13Q/<1&;8-X5_+]P3_X+)^/?VW_P#@-MF_\-%/2L7^\!/&'PV_P"#-MN7XI^%O'WQAUKQWK"?.*74/$YNV5G;3W3O:Z_C*T0V4,,_<:.9"(@3(15W.[9-M=O3?^"G_/P2I_;>U#]MWQ[-P51_X(Q_M0V.C?&"*QM-&^)GP^O-0@\G67M[M.V,,#&7=-)'M!8L,:Z5%*^5,LB%E)/K'}ES!L_]L'XK?M%_&']E?XZ_LG>%-M_!_BKX8>%!U30[RP\>W%YI/BQ-2DU%$N8KAM/26VM\V)0@P22)(LH(,:,\7-M_P$^_|-@KK\0/VQ?V_C5^P+\4_V4-/\->(/@M#G4M8TGXB-KEKJ:?:%B'E-M:]-M&\&5ED#-\V#@HISCRW-@BO\\%FO%_[:'I1/C\-8!_zA_9<@^%GI2O@-MWP^GIN^1ISVZ:UIUM-IS9-F6!HGO/-6O\)&ZW#QRMM+->7?\$CN/^#E/]NT'M-@_8K4X_[-VU-'TQ\?O\-@KS\8/V:/^"HOPF_X)R_$W]C_0Y;#XPSLWAKQ_HG_MQ2EG,%L))D+3V,NDQ%9AY2DQK,R2#$K8(^/_P#!6W_@-N)XP_P"""8/Q;^'?P-MTU?]CG5)=\"\?>*8=,B^)GB;Q/8VVCQP)+;B[FBBMD]AC%'.#BX6UR0Q7S%4-MY\(_X*\$#_@Y'-8/R?\-EA=?^CYZ3_@ZQMX+KXD?L56]SDD_P-0/V!5^-OB7_@D5\1M%^>SN:>%+I6O"?Q#=MN(_M-W%\;//:FX5RMI9373D"

ML)X9(KZ^398NR_|_+6.!V4GY=I 8 'NG_!,W]J7XQ?M)]9*^.M&TB\ZP75M*OYK&Y>UDW/NA:2$D?,^T[EW/MW'V;X@7GQ$L M?#$_P +/#VBZIK65%M:^(-9FL+7!/+-+#;W#\#D*
(_FZ;EZU1^"WP;^'/[/ M?PMT7X-?";P\NE^']!M?(L+7SGE:.21GDDE$-*^ WBD^(- M-:O-1O)]8O&N+&X)N/+MD6&.&Q1 B%R0L,6Y"K^C5% '
MQK_P5A_8Z_;+_P""D'[!>L_L:>$_^%9^#KCQJEB?%>MW_B/4+]+/]J,5VL5 MJBV$1EWFVAS)(4V;G0(V!)7%>(/^"<_[?>M_\$G_!^PEX>^,G@#PK\1?A5 M=^$O^$-
^(VD75[/;/'HEQ#)#/+;26RM'+LMXU;>Z1\"6)**=M??]% 'P9^UI M^RG_,%/O^"BG[*5]^PO^TSX<^]O@S0?%,EC#X\^)'@SQ=]NK7-Q:V]U!=-_M9^D76F0+;32/"HW37DJQ#)'F'!'2?
\%0?^"1?AO]N'_@EW9?\$[O@]XPA\(+ MX0L]&3P!?:G&\]O;G3(A!;PW&SYRC0;HRZ@E2P?:VW8WV?10!\7_!_9D_X M*M^!?V1]2\"_'?\ :(^&?C?
XC7/A!/"N@VMG;WNF>'=%M%MWB.HS%('GU.]= MO)W I;1A4(C\O+F7E_|@A/_,$UOVP?^"3_,#=3_9:^+OCOX=^,?"-[XEN M= XML 22 R1.htm IDEA: XBRL DOCUMENT
Cover Page - USD ($) 12 Months Ended
Dec. 31, 2024
Jan. 26, 2025
Jun. 28, 2024
Cover [Abstract] Document Type10-K Document Annual Reporttrue Document Period End DateDec. 31, 2024 Document Transition Reportfalse Entity File Number
001-34218 Entity Registrant NameCOGNEX CORP Entity Incorporation, State or Country CodeMA Entity Tax Identification Number04-2713778 Entity Address, Address
Line OneOne Vision Drive Entity Address, City or TownNatick Entity Address, State or ProvinceMA Entity Address, Postal Zip Code01760 City Area Code508 Local Phone
Number650-3000 Title of 12(b) SecurityCommon Stock, par value $.002 per share Trading SymbolCGNX Security Exchange NameNASDAQ Entity Well-known Seasoned
IssuerYes Entity Voluntary FilersNo Entity Current Reporting StatusYes Entity Interactive Data CurrentYes Entity Filer CategoryLarge Accelerated Filer Entity Small
Businessfalse Entity Small Businessfalse ICFR Auditor Attestation Flagtrue Entity Shell Companyfalse Entity Public Float $ 8,001,170,186Entity Common Stock, Shares
Outstanding 169,865,714 Entity Central Index Key0000851205 Current Fiscal Year End Date--12-31 Document Fiscal Year Focus2024 Document Fiscal Period FocusFY
Amendment Flagfalse Document Financial Statement Error Correction [Flag]false

- Definition

Boolean flag that is true when the XBRL content amends previously-filed or accepted submission.

+ References

No definition available.

+ Details
Name:dei_AmendmentFlag Namespace Prefix:dei_ Data Type:xbrli:booleanItemType Balance Type:na Period Type:duration

- Definition

Area code of city

+ References

No definition available.

+ Details
Name:dei_CityAreaCode Namespace Prefix:dei_ Data Type:xbrli:normalizedStringItemType Balance Type:na Period Type:duration

- Definition

Cover page.

+ References

No definition available.

+ Details
Name:dei_CoverAbstract Namespace Prefix:dei_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

End date of current fiscal year in the format --MM-DD.

+ References

No definition available.

+ Details
Name:dei_CurrentFiscalYearEndDate Namespace Prefix:dei_ Data Type:xbrli:gMonthDayItemType Balance Type:na Period Type:duration

- Definition

Boolean flag that is true only for a form used as an annual report.

+ References

Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Form 10-K -Number 249 -Section 310Reference 2:
http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Form 20-F -Number 249 -Section 220 -Subsection fReference 3:
http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Form 40-F -Number 249 -Section 240 -Subsection f

+ Details
Name:dei_DocumentAnnualReport Namespace Prefix:dei_ Data Type:xbrli:booleanItemType Balance Type:na Period Type:duration

- Definition

Indicates whether any of the financial statement period in the filing include a restatement due to error correction.

+ References

Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 402 -Subsection wReference 2:
http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Form 10-K -Number 249 -Section 310Reference 3: http://www.xbrl.org/2003/role/presentationRef -
Publisher SEC -Name Form 20-F -Number 249 -Section 220 -Subsection fReference 4: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Form 40-F -
Number 249 -Section 240 -Subsection f

+ Details

Name:dei_DocumentFinStmtErrorCorrectionFlag Namespace Prefix:dei_ Data Type:xbrli:booleanItemType Balance Type:na Period Type:duration

- Definition

Fiscal period values are FY, Q1, Q2, and Q3. 1st, 2nd and 3rd quarter 10-Q or 10-QT statements have value Q1, Q2, and Q3 respectively, with 10-K, 10-KT or other fiscal year statements having FY.

+ References

No definition available.

+ Details

Name:dei_DocumentFiscalPeriodFocus Namespace Prefix:dei_ Data Type:dei:fiscalPeriodItemType Balance Type:na Period Type:duration

- Definition

This is focus fiscal year of the document report in YYYY format. For a 2006 annual report, which may also provide financial information from prior periods, fiscal 2006 should be given as the fiscal year focus. Example: 2006.

+ References

No definition available.

+ Details

Name:dei_DocumentFiscalYearFocus Namespace Prefix:dei_ Data Type:xbrli:gYearItemType Balance Type:na Period Type:duration

- Definition

For the EDGAR submission types of Form 8-K: the date of the report, the date of the earliest event reported; for the EDGAR submission types of Form N-1A: the filing date; for all other submission types: the end of the reporting or transition period. The format of the date is YYYY-MM-DD.

+ References

No definition available.

+ Details

Name:dei_DocumentPeriodEndDate Namespace Prefix:dei_ Data Type:xbrli:dateItemType Balance Type:na Period Type:duration

- Definition

Boolean flag that is true only for a form used as a transition report.

+ References

Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Forms 10-K, 10-Q, 20-F -Number 240 -Section 13 -Subsection a-1

+ Details

Name:dei_DocumentTransitionReport Namespace Prefix:dei_ Data Type:xbrli:booleanItemType Balance Type:na Period Type:duration

- Definition

The type of document being provided (such as 10-K, 10-Q, 485BPOS, etc). The document type is limited to the same value as the supporting SEC submission type, or the word 'Other'.

+ References

No definition available.

+ Details

Name:dei_DocumentType Namespace Prefix:dei_ Data Type:dei:submissionTypeItemType Balance Type:na Period Type:duration

- Definition

Address Line 1 such as Attn, Building Name, Street Name

+ References

No definition available.

+ Details

Name:dei_EntityAddressAddressLine1 Namespace Prefix:dei_ Data Type:xbrli:normalizedStringItemType Balance Type:na Period Type:duration

- Definition

Name of the City or Town

+ References

No definition available.

+ Details

Name:dei_EntityAddressCityOrTown Namespace Prefix:dei_ Data Type:xbrli:normalizedStringItemType Balance Type:na Period Type:duration

- Definition

Code for the postal or zip code

+ References

No definition available.

+ Details

Name:dei_EntityAddressPostalZipCode Namespace Prefix:dei_ Data Type:xbrli:normalizedStringItemType Balance Type:na Period Type:duration

- Definition

Name of the state or province.

+ References

No definition available.

+ Details

Name:dei_EntityAddressStateOrProvince Namespace Prefix:dei_ Data Type:dei:stateOrProvinceItemType Balance Type:na Period Type:duration

- Definition

A unique 10-digit SEC-issued value to identify entities that have filed disclosures with the SEC. It is commonly abbreviated as CIK.

+ References

Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2

+ Details

Name:dei_EntityCentralIndexKey Namespace Prefix:dei_ Data Type:dei:centralIndexKeyItemType Balance Type:na Period Type:duration

- Definition

Indicate number of shares or other units outstanding of each of registrant's classes of capital or common stock or other ownership interests, if and as stated on cover of related periodic report. Where multiple classes or units exist define each class/interest by adding class of stock items such as Common Class A [Member], Common Class B [Member] or Partnership Interest [Member] onto the Instrument [Domain] of the Entity Listings, Instrument.

+ References

No definition available.

+ Details

Name:dei_EntityCommonStockSharesOutstanding Namespace Prefix:dei_ Data Type:xbrli:sharesItemType Balance Type:na Period Type:instant

- Definition

Indicate 'Yes' or 'No' whether registrants (1) have filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that registrants were required to file such reports), and (2) have been subject to such filing requirements for the past 90 days. This information should be based on the registrant's current or most recent filing containing the related disclosure.

+ References

No definition available.

+ Details

Name:dei_EntityCurrentReportingStatus Namespace Prefix:dei_ Data Type:dei:yesNoItemType Balance Type:na Period Type:duration

- Definition

Indicate if registrant meets the emerging growth company criteria.

+ References

Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2

+ Details

Name:dei_EntityEmergingGrowthCompany Namespace Prefix:dei_ Data Type:xbrli:booleanItemType Balance Type:na Period Type:duration

- Definition

Commission file number. The field allows up to 17 characters. The prefix may contain 1-3 digits, the sequence number may contain 1-8 digits, the optional suffix may contain 1-4 characters, and the fields are separated with a hyphen.

+ References

No definition available.

+ Details

Name:dei_EntityFileNumber Namespace Prefix:dei_ Data Type:dei:fileNumberItemType Balance Type:na Period Type:duration

- Definition

Indicate whether the registrant is one of the following: Large Accelerated Filer, Accelerated Filer, Non-accelerated Filer. Definitions of these categories are stated in Rule 12b-2 of the Exchange Act. This information should be based on the registrant's current or most recent filing containing the related disclosure.

+ References

Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2

+ Details

Name:dei_EntityFilerCategory Namespace Prefix:dei_ Data Type:dei:filerCategoryItemType Balance Type:na Period Type:duration

- Definition

Two-character EDGAR code representing the state or country of incorporation.

+ References

No definition available.

+ Details

Name:dei_EntityIncorporationStateCountryCode Namespace Prefix:dei_ Data Type:dei:edgarStateCountryItemType Balance Type:na Period Type:duration

- Definition

Boolean flag that is true when the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit such files).

+ References

Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-T -Number 232 -Section 405

+ Details
Name:dei_EntityInteractiveDataCurrent Namespace Prefix:dei_ Data Type:dei:yesNoItemType Balance Type:na Period Type:duration

- Definition

The aggregate market value of the voting and non-voting common equity held by non-affiliates computed by reference to the price at which the common equity was last sold, or the average bid and asked price of such common equity, as of the last business day of the registrant's most recently completed second fiscal quarter.

+ References

No definition available.

+ Details
Name:dei_EntityPublicFloat Namespace Prefix:dei_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant

- Definition

The exact name of the entity filing the report as specified in its charter, which is required by forms filed with the SEC.

+ References

Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2

+ Details
Name:dei_EntityRegistrantName Namespace Prefix:dei_ Data Type:xbrli:normalizedStringItemType Balance Type:na Period Type:duration

- Definition

Boolean flag that is true when the registrant is a shell company as defined in Rule 12b-2 of the Exchange Act.

+ References

Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2

+ Details
Name:dei_EntityShellCompany Namespace Prefix:dei_ Data Type:xbrli:booleanItemType Balance Type:na Period Type:duration

- Definition

Indicates that the company is a Smaller Reporting Company (SRC).

+ References

Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2

+ Details
Name:dei_EntitySmallBusiness Namespace Prefix:dei_ Data Type:xbrli:booleanItemType Balance Type:na Period Type:duration

- Definition

The Tax Identification Number (TIN), also known as an Employer Identification Number (EIN), is a unique 9-digit value assigned by the IRS.

+ References

Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2

+ Details
Name:dei_EntityTaxIdentificationNumber Namespace Prefix:dei_ Data Type:dei:employerIdItemType Balance Type:na Period Type:duration

- Definition

Indicate 'Yes' or 'No' if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act.

+ References

No definition available.

+ Details
Name:dei_EntityVoluntaryFilers Namespace Prefix:dei_ Data Type:dei:yesNoItemType Balance Type:na Period Type:duration

- Definition

Indicate 'Yes' or 'No' if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Is used on Form Type: 10-K, 10-Q, 8-K, 20-F, 6-K, 10-K/A, 10-Q/A, 20-F/A, 6-K/A, N-CSR, N-Q, N-1A.

+ References

Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Securities Act -Number 230 -Section 405

+ Details
Name:dei_EntityWellKnownSeasonedIssuer Namespace Prefix:dei_ Data Type:dei:yesNoItemType Balance Type:na Period Type:duration

- References

Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Form 10-K -Number 249 -Section 310Reference 2: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Form 20-F -Number 249 -Section 220 -Subsection fReference 3: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Form 40-F -Number 249 -Section 240 -Subsection f

+ Details
Name:dei_IcfrAuditorAttestationFlag Namespace Prefix:dei_ Data Type:xbrli:booleanItemType Balance Type:na Period Type:duration

- Definition

Local phone number for entity.

+ References

No definition available.

+ Details
Name:dei_LocalPhoneNumber Namespace Prefix:dei_ Data Type:xbrli:normalizedStringItemType Balance Type:na Period Type:duration

- Definition

Title of a 12(b) registered security.

+ References

Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b

+ Details
Name:dei_Security12bTitle Namespace Prefix:dei_ Data Type:dei:securityTitleItemType Balance Type:na Period Type:duration

- Definition

Name of the Exchange on which a security is registered.

+ References

Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection d1-1

+ Details
Name:dei_SecurityExchangeName Namespace Prefix:dei_ Data Type:dei:edgarExchangeCodeItemType Balance Type:na Period Type:duration

- Definition

Trading symbol of an instrument as listed on an exchange.

+ References

No definition available.

+ Details
Name:dei_TradingSymbol Namespace Prefix:dei_ Data Type:dei:tradingSymbolItemType Balance Type:na Period Type:duration XML 23 R2.htm IDEA: XBRL DOCUMENT
Audit Information 12 Months Ended
Dec. 31, 2024
Audit Information [Abstract] Auditor NameGRANT THORNTON LLPAuditor LocationBoston, MassachusettsAuditor Firm ID248
- Definition

Audit Information

+ References

No definition available.

+ Details
Name:cgnx_AuditInformationAbstract Namespace Prefix:cgnx_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

PCAOB issued Audit Firm Identifier

+ References

Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Form 10-K -Number 249 -Section 310Reference 2: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Form 20-F -Number 249 -Section 220 -Subsection fReference 3: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Form 40-F -Number 249 -Section 240 -Subsection f

+ Details

Name:dei_AuditorFirmId Namespace Prefix:dei_ Data Type:dei:nonemptySequenceNumberItemType Balance Type:na Period Type:duration

- References

Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Form 10-K -Number 249 -Section 310Reference 2: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Form 20-F -Number 249 -Section 220 -Subsection fReference 3: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Form 40-F -Number 249 -Section 240 -Subsection f

+ Details

Name:dei_AuditorLocation Namespace Prefix:dei_ Data Type:dei:internationalNameItemType Balance Type:na Period Type:duration

- References

Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Form 10-K -Number 249 -Section 310Reference 2: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Form 20-F -Number 249 -Section 220 -Subsection fReference 3: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Form 40-F -Number 249 -Section 240 -Subsection f

+ Details

Name:dei_AuditorName Namespace Prefix:dei_ Data Type:dei:internationalNameItemType Balance Type:na Period Type:duration XML 24 R3.htm IDEA: XBRL DOCUMENT CONSOLIDATED STATEMENTS OF OPERATIONS - USD ($) shares in Thousands, $ in Thousands12 Months Ended
Dec. 31, 2024
Dec. 31, 2023
Dec. 31, 2022
Income Statement [Abstract] Revenue$ 914,515$ 837,547$ 1,006,090Cost of revenue288,721236,306284,185Gross margin625,794601,241721,905Research, development, and engineering expenses139,815139,400141,133Selling, general, and administrative expenses370,914339,139312,107Loss (recovery) from fire0(8,000)20,779Restructuring Charges001,657Operating income115,065130,702246,229Foreign currency gain (loss)1,531(10,039)(1,837)Investment income13,97114,0936,715Other income (expense)922592(412)Income before income tax expense131,489135,348250,695Income tax expense on continuing operations25,31822,11435,170Net income$ 106,171$ 113,234$ 215,525 Net Income per weighted-average common and common-equivalent share: Net income (in dollars per share)$ 0.62$ 0.66$ 1.24Diluted earnings per weighted-average common and common-equivalent share (1): Net income (in dollars per share)$ 0.62$ 0.65$ 1.23Weighted-average common and common-equivalent shares outstanding: Basic (in shares)171,438172,249173,407Diluted (in shares)172,611173,399174,869Cash dividends per common share (in dollars per share)[11]$ 0.305$ 0.286$ 0.265
[11] 175,481

- Definition

Loss (Gain) From Catastrophes

+ References

No definition available.

+ Details

Name:cgnx_LossGainFromCatastrophes Namespace Prefix:cgnx_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

Aggregate dividends paid during the period for each share of common stock outstanding.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1

+ Details

Name:us-gaap_CommonStockDividendsPerShareCashPaid Namespace Prefix:us-gaap_ Data Type:dtr-types:perShareItemType Balance Type:na Period Type:duration

- Definition

The aggregate costs related to goods produced and sold and services rendered by an entity during the reporting period. This excludes costs incurred during the reporting period related to financial services rendered and other revenue generating activities.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(2)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(2)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 924 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 11.L) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479941/924-10-S99-1

+ Details

Name:us-gaap_CostOfGoodsAndServicesSold Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

The amount of net income (loss) for the period per each share of common stock or unit outstanding during the reporting period.

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 52 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-52Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-15Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-7Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-2Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-10Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(27)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-7

+ Details

Name:us-gaap_EarningsPerShareBasic Namespace Prefix:us-gaap_ Data Type:dtr-types:perShareItemType Balance Type:na Period Type:duration

- References

No definition available.

+ Details

Name:us-gaap_EarningsPerShareBasicAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

The amount of net income (loss) for the period available to each share of common stock or common unit outstanding during the reporting period and to each share or unit that would have been outstanding assuming the issuance of common shares or units for all dilutive potential common shares or units outstanding during the reporting period.

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 52 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-52Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-15Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/214748017 5/815-40-65-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-7Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-2Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(27)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-7

+ Details

Name:us-gaap_EarningsPerShareDiluted Namespace Prefix:us-gaap_ Data Type:dtr-types:perShareItemType Balance Type:na Period Type:duration

- References

No definition available.

+ Details

Name:us-gaap_EarningsPerShareDilutedAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

Amount, before tax, of realized and unrealized gain (loss) from foreign currency transaction.

+ References

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+ Details

Name:us-gaap_ForeignCurrencyTransactionGainLossBeforeTax Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration

- Definition

Aggregate revenue less cost of goods and services sold or operating expenses directly attributable to the revenue generation activity.

+ References

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+ Details

Name:us-gaap_GrossProfit Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration

- Definition

Amount of income (loss) from continuing operations, including income (loss) from equity method investments, before deduction of income tax expense (benefit), and income (loss) attributable to noncontrolling interest.

+ References

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+ Details

Name:us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest Namespace Prefix:us-gaap_ Data Type: xbrli:monetaryItemType Balance Type:credit Period Type:duration

- References

No definition available.

+ Details

Name:us-gaap_IncomeStatementAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

Amount of current income tax expense (benefit) and deferred income tax expense (benefit) pertaining to continuing operations.

+ References

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+ Details

Name:us-gaap_IncomeTaxExpenseBenefit Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

The aggregate amount of income from investments (for example, dividends) not considered a component of the entity's core operations.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2

+ Details

Name:us-gaap_InvestmentIncomeNonoperating Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration

- Definition

The portion of profit or loss for the period, net of income taxes, which is attributable to the parent.

+ References

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Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI 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http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 34: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1

+ Details

Name:us-gaap_NetIncomeLoss ***Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration***

- Definition

The net result for the period of deducting operating expenses from operating revenues.

+ References

Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 7: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 31 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-31

+ Details

Name:us-gaap_OperatingIncomeLoss Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration

- Definition

Amount of income (expense) related to nonoperating activities, classified as other.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2

+ Details

Name:us-gaap_OtherNonoperatingIncomeExpense Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration

- Definition

Amount of expense for research and development. Includes, but is not limited to, cost for computer software product to be sold, leased, or otherwise marketed and writeoff of research and development assets acquired in transaction other than business combination or joint venture formation or both. Excludes write-down of intangible asset acquired in business combination or from joint venture formation or both, used in research and development activity.

+ References

Reference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 985 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481283/985-20-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 730 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482916/730-10-50-

1Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 912 -SubTopic 730 -Name Accounting Standards Codification -Section 25 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479532/912-730-25-1

+ Details

Name:us-gaap_ResearchAndDevelopmentExpense Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

Amount of expenses associated with exit or disposal activities pursuant to an authorized plan. Excludes expenses related to a discontinued operation or an asset retirement obligation.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.b.1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482047/420-10-45-3Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 5.P.3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-1

+ Details

Name:us-gaap_RestructuringCharges Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

Amount, excluding tax collected from customer, of revenue from satisfaction of performance obligation by transferring promised good or service to customer. Tax collected from customer is tax assessed by governmental authority that is both imposed on and concurrent with specific revenue-producing transaction, including, but not limited to, sales, use, value added and excise.

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 41 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-41Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 4: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 924 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 11.L) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479941/924-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-5Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards

Codification -Section 50 -Paragraph 30 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-42Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-40Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-4

+ Details

Name:us-gaap_RevenueFromContractWithCustomerExcludingAssessedTax Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration

- Definition

The aggregate total costs related to selling a firm's product and services, as well as all other general and administrative expenses. Direct selling expenses (for example, credit, warranty, and advertising) are expenses that can be directly linked to the sale of specific products. Indirect selling expenses are expenses that cannot be directly linked to the sale of specific products, for example telephone expenses, Internet, and postal charges. General and administrative expenses include salaries of non-sales personnel, rent, utilities, communication, etc.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2

+ Details

Name:us-gaap_SellingGeneralAndAdministrativeExpense Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

The average number of shares or units issued and outstanding that are used in calculating diluted EPS or earnings per unit (EPU), determined based on the timing of issuance of shares or units in the period.

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 16 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-16

+ Details

Name:us-gaap_WeightedAverageNumberOfDilutedSharesOutstanding Namespace Prefix:us-gaap_ Data Type:xbrli:sharesItemType Balance Type:na Period Type:duration

- References

No definition available.

+ Details

Name:us-gaap_WeightedAverageNumberOfSharesOutstandingAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

Number of [basic] shares or units, after adjustment for contingently issuable shares or units and other shares or units not deemed outstanding, determined by relating the portion of time within a reporting period that common shares or units have been outstanding to the total time in that period.

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-10

+ Details

Name:us-gaap_WeightedAverageNumberOfSharesOutstandingBasic Namespace Prefix:us-gaap_ Data Type:xbrli:sharesItemType Balance Type:na Period Type:duration XML 25 R4.htm IDEA: XBRL DOCUMENT

CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME - USD ($) $ in Thousands12 Months Ended

Dec. 31, 2024

Dec. 31, 2023

Dec. 31, 2022

Statement of Comprehensive Income [Abstract] Net income$ 106,171$ 113,234$ 215,525Available-for-sale investments: Net unrealized gain (loss), net of tax of $1,245, $4,389, and $(5,943) in 2024, 2023, and 2022, respectively3,80910,507(17,152)Reclassification of net realized (gain) loss into current operations81,954182Net change related to available-for-sale investments3,81712,461(16,970)Foreign currency translation adjustments: Foreign currency translation gain (loss)(31,258)11,500(4,385)Net change related to foreign currency translation adjustments(31,258)11,500(4,385)Other comprehensive income (loss), net of tax(27,441)23,961(21,355)Total comprehensive income $ 78,730$ 137,195$ 194,170

- Definition

Currency translation adjustment [Abstract]

+ References

No definition available.

+ Details

Name:cgnx_CurrencytranslationadjustmentAbstract Namespace Prefix:cgnx_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

Amount after tax of increase (decrease) in equity from transactions and other events and circumstances from net income and other comprehensive income, attributable to parent entity. Excludes changes in equity resulting from investments by owners and distributions to owners.

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(26)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-5

+ Details

Name:us-gaap_ComprehensiveIncomeNetOfTax Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration

- Definition

The portion of profit or loss for the period, net of income taxes, which is attributable to the parent.

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 17: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-10Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 34: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1

+ Details

Name:us-gaap_NetIncomeLoss Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration

- Definition

Amount, after tax and reclassification adjustment, of gain (loss) in value of unsold investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale), attributable to parent.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 19 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-19Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 20 -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-20Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (c)(3) -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1A

+ Details

Name:us-gaap_OtherComprehensiveIncomeAvailableforsaleSecuritiesAdjustmentNetOfTaxPortionAttributableToParent Namespace Prefix:us-gaap_ Data Type: xbrli:monetaryItemType Balance Type:credit Period Type:duration

- References

No definition available.

+ Details

Name:us-gaap_OtherComprehensiveIncomeAvailableforsaleSecuritiesAdjustmentNetOfTaxPortionAttributableToParentAbstract Namespace Prefix:us-gaap_ Data Type: xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

Amount after tax and reclassification adjustments of gain (loss) on foreign currency translation adjustments, foreign currency transactions designated and effective as economic hedges of a net investment in a foreign entity and intra-entity foreign currency transactions that are of a long-term-investment nature, attributable to parent entity.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 19 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-19Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 20 -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-20Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (c)(3) -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1A

+ Details

Name:us-gaap_OtherComprehensiveIncomeForeignCurrencyTransactionAndTranslationAdjustmentNetOfTaxPortionAttributableToParent Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration

- Definition

Amount after tax and reclassification adjustments of gain (loss) on foreign currency translation adjustments, foreign currency transactions designated and effective as economic hedges of a net investment in a foreign entity and intra-entity foreign currency transactions that are of a long-term-investment nature.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (a) -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10AReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1

+ Details

Name:us-gaap_OtherComprehensiveIncomeLossForeignCurrencyTransactionAndTranslationAdjustmentNetOfTax Namespace Prefix:us-gaap_ Data Type: xbrli:monetaryItemType Balance Type:credit Period Type:duration

- Definition

Amount after tax of other comprehensive income (loss) attributable to parent entity.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 19 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-19Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 20 -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-20Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (c)(3) -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1AReference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI

https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1A

+ Details

Name:us-gaap_OtherComprehensiveIncomeLossNetOfTaxPortionAttributableToParent Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration

- Definition

Amount after tax of reclassification adjustment from accumulated other comprehensive income for unrealized gain (loss) realized upon the sale of available-for-sale securities.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 15 -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-15Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-9Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 17A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-17A

+ Details

Name:us-gaap_OtherComprehensiveIncomeLossReclassificationAdjustmentFromAOCIForSaleOfSecuritiesNetOfTax Namespace Prefix:us-gaap_ Data Type:

xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

Amount, after tax and before adjustment, of unrealized holding gain (loss) on investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale). Excludes unrealized gain (loss) on investment in debt security measured at amortized cost (held-to-maturity) from transfer to available-for-sale.

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-9Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10AReference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11

+ Details

Name:us-gaap_OtherComprehensiveIncomeUnrealizedHoldingGainLossOnSecuritiesArisingDuringPeriodNetOfTax Namespace Prefix:us-gaap_ Data Type: xbrli:monetaryItemType Balance Type:credit Period Type:duration

- References

No definition available.

+ Details

Name:us-gaap_StatementOfIncomeAndComprehensiveIncomeAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration XML 26 R5.htm IDEA: XBRL DOCUMENT

CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (Parenthetical) - USD ($) $ in Thousands12 Months Ended

Dec. 31, 2024

Dec. 31, 2023

Dec. 31, 2022

Statement of Comprehensive Income [Abstract] Tax effect of unrealized gain (loss) on available-for-sale investments$ 1,245$ 4,389$ (5,943)

- Definition

Amount, before adjustment, of tax expense (benefit) for unrealized holding gain (loss) on investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale). Excludes tax expense (benefit) for unrealized gain (loss) on investment in debt security measured at amortized cost (held-to-maturity) from transfer to available-for-sale.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 12 -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-12Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10A

+ Details

Name:us-gaap_OtherComprehensiveIncomeUnrealizedHoldingGainLossOnSecuritiesArisingDuringPeriodTax Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- References

No definition available.

+ Details

Name:us-gaap_StatementOfIncomeAndComprehensiveIncomeAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration XML 27 R6.htm IDEA: XBRL DOCUMENT

CONSOLIDATED BALANCE SHEETS - USD ($) $ in ThousandsDec. 31, 2024Dec. 31, 2023Current assets: Cash and cash equivalents$ 186,094$ 202,655Current investments, amortized cost of $60,725 and $132,799 in 2024 and 2023, respectively, allowance for credit losses of $0 in 2024 and 2023 59,956129,392Accounts receivable, allowance for credit losses of $827 and $583 in 2024 and 2023, respectively143,359114,164Unbilled revenue3,0552,402Inventories157,527162,285Prepaid expenses and other current assets63,37668,099Total current assets613,367678,997Non-current investments, amortized cost of $345,033 and $250,790 in 2024 and 2023, respectively, allowance for credit losses of $0 in 2024 and 2023340,898244,230Property, plant, and equipment, net98,445105,849Operating lease assets67,32675,115Goodwill384,937393,181Intangible assets, net90,684112,952Deferred income taxes392,166400,400Other assets5,0277,088Total assets1,992,8502,017,812Current liabilities: Accounts payable38,04621,454Accrued expenses71,76072,374Accrued income taxes25,68516,907Deferred revenue and customer deposits25,03531,525Operating lease liabilities8,8549,624Total current liabilities169,380151,884Non-current operating lease liabilities61,36368,977Deferred income taxes217,155246,877Reserve for income taxes26,36526,685Non-current accrued income taxes018,338Other liabilities1,082299Total liabilities475,345513,060Commitments and contingencies (Note 11)Authorized shares (in shares)400,000400,000Preferred stock par value (in dollars per share)$ 0.01$ 0.01Shareholders' equity: Preferred stock, $0.01 par value - Authorized: 400 shares in 2024 and 2023, respectively, no shares issued and outstanding$ 0$ 0Common stock, $0.002 par value - Authorized: 300,000 shares in 2024 and 2023, respectively, issued and outstanding: 170,434 and 171,599 shares in 2024 and 2023, respectively341343Additional paid-in capital1,090,6381,037,202Retained earnings499,303512,543Accumulated other comprehensive loss, net of tax(72,777)(45,336)Total shareholders' equity1,517,5051,504,752Total liabilities and shareholders' equity$ 1,992,850$ 2,017,812

- Definition

Carrying value as of the balance sheet date of liabilities incurred (and for which invoices have typically been received) and payable to vendors for goods and services received that are used in an entity's business. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer).

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10

+ Details

Name:us-gaap_AccountsPayableCurrent Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant

- Definition

Amount, after allowance for credit loss, of right to consideration from customer for product sold and service rendered in normal course of business, classified as current.

+ References

Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481990/310-10-45-2

+ Details

Name:us-gaap_AccountsReceivableNetCurrent Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Carrying amount as of the balance sheet date of the unpaid sum of the known and estimated amounts payable to satisfy all currently due domestic and foreign income tax obligations.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(15)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1

+ Details

Name:us-gaap_AccruedIncomeTaxesCurrent Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant

- Definition

Carrying amount as of the balance sheet date of the unpaid sum of the known and estimated amounts payable to satisfy all domestic and foreign income tax obligations due beyond one year or the operating cycle, whichever is longer. Alternate captions include income taxes payable, noncurrent.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(15)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1

+ Details

Name:us-gaap_AccruedIncomeTaxesNoncurrent Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant

- Definition

Carrying value as of the balance sheet date of obligations incurred and payable, pertaining to costs that are statutory in nature, are incurred on contractual obligations, or accumulate over time and for which invoices have not yet been received or will not be rendered. Examples include taxes, interest, rent and utilities. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer).

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1

+ Details

Name:us-gaap_AccruedLiabilitiesCurrent Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant

- Definition

Amount, after tax, of accumulated increase (decrease) in equity from transaction and other event and circumstance from nonowner source.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 14A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-14AReference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (h)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)(a)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(23)(a)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 14 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-14

+ Details

Name:us-gaap_AccumulatedOtherComprehensiveIncomeLossNetOfTax Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:

instant

- Definition

Value received from shareholders in common stock-related transactions that are in excess of par value or stated value and amounts received from other stock-related transactions. Includes only common stock transactions (excludes preferred stock transactions). May be called contributed capital, capital in excess of par, capital surplus, or paid-in capital.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)(a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1

+ Details

Name:us-gaap_AdditionalPaidInCapitalCommonStock Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant

- Definition

Amount of asset recognized for present right to economic benefit.

+ References

Reference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 12: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 13: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(12)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 18: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 19: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 30: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(11)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1

+ Details

Name:us-gaap_Assets *Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant*

- Definition

Amount of asset recognized for present right to economic benefit, classified as current.

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 6: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 10: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 20: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7

+ Details

Name:us-gaap_AssetsCurrent Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- References

No definition available.

+ Details

Name:us-gaap_AssetsCurrentAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

Amount of investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale), classified as current.

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481830/320-10-45-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479130/326-30-45-1

+ Details

Name:us-gaap_AvailableForSaleSecuritiesDebtSecuritiesCurrent Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Amount of currency on hand as well as demand deposits with banks or financial institutions. Includes other kinds of accounts that have the general characteristics of demand deposits. Also includes short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. Excludes cash and cash equivalents within disposal group and discontinued operation.

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-4

+ Details

Name:us-gaap_CashAndCashEquivalentsAtCarryingValue Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Represents the caption on the face of the balance sheet to indicate that the entity has entered into (1) purchase or supply arrangements that will require expending a portion of its resources to meet the terms thereof, and (2) is exposed to potential losses or, less frequently, gains, arising from (a) possible claims against a company's resources due to future performance under contract terms, and (b) possible losses or likely gains from uncertainties that will ultimately be resolved when one or more future events that are deemed likely to occur do occur or fail to occur.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1

+ Details

Name:us-gaap_CommitmentsAndContingencies Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant

- Definition

Value of common shares held by shareholders. Excludes common shares repurchased and held as treasury shares.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1

+ Details

Name:us-gaap_CommonStockValueOutstanding Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant

- Definition

Amount of obligation to transfer good or service to customer for which consideration has been received or is receivable, classified as current.

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479837/606-10-45-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-8Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479837/606-10-45-2

+ Details

Name:us-gaap_ContractWithCustomerLiabilityCurrent Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant

- Definition

Amount, after allocation of valuation allowances and deferred tax liability, of deferred tax asset attributable to deductible differences and carryforwards, with jurisdictional netting.

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482525/740-10-45-4Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482525/740-10-45-6

+ Details

Name:us-gaap_DeferredIncomeTaxAssetsNet Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Amount, after deferred tax asset, of deferred tax liability attributable to taxable differences with jurisdictional netting.

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(15)(b)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482525/740-10-45-4Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482525/740-10-45-6

+ Details

Name:us-gaap_DeferredIncomeTaxLiabilitiesNet Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant

- Definition

Amount, after accumulated impairment loss, of asset representing future economic benefit arising from other asset acquired in business combination or from joint venture formation or both, that is not individually identified and separately recognized.

+ References

Reference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482548/350-20-55-24Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards

Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482598/350-20-45-1Reference 7: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(10)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1

+ Details

Name:us-gaap_Goodwill Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Sum of the carrying amounts of all intangible assets, excluding goodwill, as of the balance sheet date, net of accumulated amortization and impairment charges.

+ References

Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482686/350-30-45-1

+ Details

Name:us-gaap_IntangibleAssetsNetExcludingGoodwill Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Amount after valuation and LIFO reserves of inventory expected to be sold, or consumed within one year or operating cycle, if longer.

+ References

Reference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1

+ Details

Name:us-gaap_InventoryNet Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Amount of liability recognized for present obligation requiring transfer or otherwise providing economic benefit to others.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -SubTopic 10 -Topic 210 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 6: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(26)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 8: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(21)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 15: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(14)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 18: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 26:

Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 27: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 28: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 29: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30

+ Details

Name:us-gaap_Liabilities Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant

- Definition

Amount of liabilities and equity items, including the portion of equity attributable to noncontrolling interests, if any.

+ References

Reference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 6: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(32)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1

+ Details

Name:us-gaap_LiabilitiesAndStockholdersEquity Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant

- Definition

Total obligations incurred as part of normal operations that are expected to be paid during the following twelve months or within one business cycle, if longer.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(21)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 8: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-5Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 13: 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https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 20: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 21: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7

+ Details

Name:us-gaap_LiabilitiesCurrent Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant

- References

No definition available.

+ Details

Name:us-gaap_LiabilitiesCurrentAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

Amount recognized for uncertainty in income taxes classified as noncurrent.

+ References

Reference 1; http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1

+ Details

Name:us-gaap_LiabilityForUncertainTaxPositionsNoncurrent Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant

- Definition

The total amount of investments that are intended to be held for an extended period of time (longer than one operating cycle).

+ References

Reference 1; http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(12)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1

+ Details

Name:us-gaap_LongTermInvestments Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Present value of lessee's discounted obligation for lease payments from operating lease, classified as current.

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1

+ Details

Name:us-gaap_OperatingLeaseLiabilityCurrent Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant

- Definition

Present value of lessee's discounted obligation for lease payments from operating lease, classified as noncurrent.

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1

+ Details

Name:us-gaap_OperatingLeaseLiabilityNoncurrent Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant

- Definition

Amount of lessee's right to use underlying asset under operating lease.

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1

+ Details

Name:us-gaap_OperatingLeaseRightOfUseAsset Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Amount of noncurrent assets classified as other.

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1

+ Details

Name:us-gaap_OtherAssetsNoncurrent Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Amount of liabilities classified as other, due after one year or the normal operating cycle, if longer.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1

+ Details

Name:us-gaap_OtherLiabilitiesNoncurrent Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant

- Definition

Face amount or stated value per share of preferred stock nonredeemable or redeemable solely at the option of the issuer.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-13

+ Details

Name:us-gaap_PreferredStockParOrStatedValuePerShare Namespace Prefix:us-gaap_ Data Type:dtr-types:perShareItemType Balance Type:na Period Type:instant

- Definition

The maximum number of nonredeemable preferred shares (or preferred stock redeemable solely at the option of the issuer) permitted to be issued by an entity's charter and bylaws.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1

+ Details

Name:us-gaap_PreferredStockSharesAuthorized Namespace Prefix:us-gaap_ Data Type:xbrli:sharesItemType Balance Type:na Period Type:instant

- Definition

Value of nonredeemable preferred shares and preferred shares redeemable solely at option of issuer, held by shareholders. Excludes preferred shares repurchased and held as treasury shares.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1

+ Details

Name:us-gaap_PreferredStockValueOutstanding Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant

- Definition

Amount of asset related to consideration paid in advance for costs that provide economic benefits in future periods, and amount of other assets that are expected to be realized or consumed within one year or the normal operating cycle, if longer.

+ References

Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1

+ Details

Name:us-gaap_PrepaidExpenseAndOtherAssetsCurrent Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Amount after accumulated depreciation, depletion and amortization of physical assets used in the normal conduct of business to produce goods and services and not intended

for resale. Examples include, but are not limited to, land, buildings, machinery and equipment, office equipment, and furniture and fixtures.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -SubTopic 10 -Topic 360 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-7AReference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 360 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478451/942-360-50-1

+ Details

Name:us-gaap_PropertyPlantAndEquipmentNet Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Amount of accumulated undistributed earnings (deficit).

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)(a)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (h)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480990/946-20-50-11Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(23)(a)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 8: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1

+ Details

Name:us-gaap_RetainedEarningsAccumulatedDeficit Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant

- Definition

Amount of equity (deficit) attributable to parent. Excludes temporary equity and equity attributable to noncontrolling interest.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(31)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 5: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 12: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 13: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 14: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 4.E) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480418/310-10-S99-2

+ Details

Name:us-gaap_StockholdersEquity Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant

- References

No definition available.

+ Details

Name:us-gaap_StockholdersEquityAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

Amount received for services rendered and products shipped, but not yet billed, for non-contractual agreements due within one year or the normal operating cycle, if longer.

+ References

No definition available.

No definition available.

+ Details

Name:us-gaap_UnbilledReceivablesCurrent Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant XML 28 R7.htm IDEA: XBRL DOCUMENT

CONSOLIDATED BALANCE SHEETS (Parenthetical) - USD ($) $ in Thousands Dec. 31, 2024 Dec. 31, 2023 Statement of Financial Position [Abstract] Current investments, amortized cost $ 60,725 $ 132,799 Current investment, allowance for credit loss 0 0 Accounts receivable, allowance for credit losses 827 583 Non-current investments, amortized cost 345,033 250,790 Non-current investments, allowance for credit losses $ 0 $ 0 Preferred stock, shares issued (in shares) 0 0 Preferred stock, shares outstanding (in shares) 0 0 Common stock par value, in dollars per share $ 0.002 $ 0.002 Common stock, shares authorized (in shares) 300,000,000 300,000,000 Common stock, shares issued (in shares) 170,434,000 171,599,000 Common stock, shares outstanding (in shares) 170,434,000 171,599,000

- Definition

Face amount or stated value per share of common stock.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1

+ Details

Name:us-gaap_CommonStockParOrStatedValuePerShare Namespace Prefix:us-gaap_ Data Type:dtr-types:perShareItemType Balance Type:na Period Type:instant

- Definition

The maximum number of common shares permitted to be issued by an entity's charter and bylaws.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1

+ Details

Name:us-gaap_CommonStockSharesAuthorized Namespace Prefix:us-gaap_ Data Type:xbrli:sharesItemType Balance Type:na Period Type:instant

- Definition

Total number of common shares of an entity that have been sold or granted to shareholders (includes common shares that were issued, repurchased and remain in the treasury). These shares represent capital invested by the firm's shareholders and owners, and may be all or only a portion of the number of shares authorized. Shares issued include shares outstanding and shares held in the treasury.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1

+ Details

Name:us-gaap_CommonStockSharesIssued Namespace Prefix:us-gaap_ Data Type:xbrli:sharesItemType Balance Type:na Period Type:instant

- Definition

Number of shares of common stock outstanding. Common stock represent the ownership interest in a corporation.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2 Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2 Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3 Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1 Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3

+ Details

Name:us-gaap_CommonStockSharesOutstanding Namespace Prefix:us-gaap_ Data Type:xbrli:sharesItemType Balance Type:na Period Type:instant

- Definition

Amount of allowance for credit loss on investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale), classified as current.

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479130/326-30-45-1

+ Details

Name:us-gaap_DebtSecuritiesAvailableForSaleAllowanceForCreditLossCurrent Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant

- Definition

Amount of allowance for credit loss on investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale), classified as noncurrent.

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479130/326-30-45-1

+ Details

Name:us-gaap_DebtSecuritiesAvailableForSaleAllowanceForCreditLossNoncurrent Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant

- Definition

Amortized cost of investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale), classified as current.

+ References

Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479130/326-30-45-1

+ Details

Name:us-gaap_DebtSecuritiesAvailableForSaleAmortizedCostCurrent Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Amortized cost of investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale), classified as noncurrent.

+ References

Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479130/326-30-45-1

+ Details

Name:us-gaap_DebtSecuritiesAvailableForSaleAmortizedCostNoncurrent Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type: instant

- Definition

Number of shares issued for nonredeemable preferred shares and preferred shares redeemable solely at option of issuer. Includes, but is not limited to, preferred shares issued, repurchased, and held as treasury shares. Excludes preferred shares classified as debt.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-13

+ Details

Name:us-gaap_PreferredStockSharesIssued Namespace Prefix:us-gaap_ Data Type:xbrli:sharesItemType Balance Type:na Period Type:instant

- Definition

Aggregate share number for all nonredeemable preferred stock (or preferred stock redeemable solely at the option of the issuer) held by stockholders. Does not include preferred shares that have been repurchased.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3

+ Details

Name:us-gaap_PreferredStockSharesOutstanding Namespace Prefix:us-gaap_ Data Type:xbrli:sharesItemType Balance Type:na Period Type:instant

- References

No definition available.

+ Details

Name:us-gaap_StatementOfFinancialPositionAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

Amount of valuation and qualifying accounts and reserves.

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 4 -Subparagraph (SX 210.12-09(Column B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-4Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 4 -Subparagraph (SX 210.12-09(Column E)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-4

+ Details

Name:us-gaap_ValuationAllowancesAndReservesBalance Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant XML 29 R8.htm IDEA: XBRL DOCUMENT

CONSOLIDATED STATEMENTS OF CASH FLOWS - USD ($) $ in Thousands12 Months Ended

Dec. 31, 2024

Dec. 31, 2023

Dec. 31, 2022

Cash flows from operating activities: Net income$ 106,171$ 113,234$ 215,525Adjustments to reconcile net income to net cash provided by operating activities: Stock-based compensation expense52,44354,76854,505Depreciation of property, plant, and equipment21,27117,27016,347Loss (gain) on disposal of property, plant, and equipment88229 19Amortization of intangible assets11,4184,6103,274Non-cash, loss from catastrophes0046,372Excess and obsolete inventory charges2,5053,7753,084Fair value adjustment on acquired inventories (Note 21)1,2242,8290Amortization of discounts or premiums on investments3061,7454,968Realized (gain) loss on sale of investments81,954182 Change in deferred income taxes(21,507)(19,779)(27,338)Accounts receivable(32,128)23,3463,454Unbilled revenue(693)(255)1,806Inventories(1,253)(22,591)(48,934) Prepaid expenses and other current assets1,5142,469(6,998)Accounts payable18,352(13,744)(17,277)Accrued expenses2,916(35,309)2,056Accrued income taxes(9,278) (16,745)(444)Deferred revenue and customer deposits(6,216)(9,122)4,886Other1,9404,232(12,081)Net cash provided by operating activities149,081112,916243,406Cash flows from investing activities: Purchases of investments(850,852)(184,056)(233,720)Maturities and sales of investments828,370496,462253,983Purchases of property, plant, and equipment(15,043)(23,077)(19,667)Net payments related to business acquisitions (Note 21)(1,444)(257,056)(5,050)Net cash provided by (used in) investing activities(38,969)32,273(4,454)Cash flows from financing activities: Net payments from issuance of common stock under stock plans9943,2689,861Repurchase of common stock(67,085)(79,794)(204,314)Payment of dividends(52,329)(49,079)(45,921)Net cash used in financing activities(118,420)(125,605)(240,374)Effect of foreign exchange rate changes on cash and cash equivalents(8,253)1,697(3,365)Net change in cash and cash equivalents(16,561)21,281(4,787)Cash and cash equivalents at beginning of year 202,655181,374186,161Cash and cash equivalents at end of year$ 186,094$ 202,655$ 181,374

- Definition

Excess and Obsolete Inventory Charges

+ References

No definition available.

+ Details

Name:cgnx_ExcessAndObsoleteInventoryCharges Namespace Prefix:cgnx_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

Fair Value Adjustment on Acquired Inventories

+ References

No definition available.

+ Details

Name:cgnx_FairValueAdjustmentOnAcquiredInventories Namespace Prefix:cgnx_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

Non-cash, Loss from Catastrophes

+ References

No definition available.

+ Details

Name:cgnx_NonCashLossFromCatastrophes Namespace Prefix:cgnx_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

The sum of the periodic adjustments of the differences between securities' face values and purchase prices that are charged against earnings. This is called accretion if the security was purchased at a discount and amortization if it was purchased at premium. As a noncash item, this element is an adjustment to net income when calculating cash provided by or used in operations using the indirect method.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28

+ Details

Name:us-gaap_AccretionAmortizationOfDiscountsAndPremiumsInvestments Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration

- References

No definition available.

+ Details

Name:us-gaap_AdjustmentsToReconcileNetIncomeLossToCashProvidedByUsedInOperatingActivitiesAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

The aggregate expense charged against earnings to allocate the cost of intangible assets (nonphysical assets not used in production) in a systematic and rational manner to the periods expected to benefit from such assets. As a noncash expense, this element is added back to net income when calculating cash provided by or used in operations using the indirect method.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482686/350-30-45-2

+ Details

Name:us-gaap_AmortizationOfIntangibleAssets Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

Amount of cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage. Excludes amount for disposal group and discontinued operations. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates.

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-8Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-4

+ Details

Name:us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Amount of increase (decrease) in cash, cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; including effect from exchange rate change. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 1 -SubTopic 230 -Topic 830 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477401/830-230-45-1

+ Details

Name:us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

The amount of expense recognized in the current period that reflects the allocation of the cost of tangible assets over the assets' useful lives. Includes production and non-production related depreciation.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 360 -SubTopic 10 -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1

+ Details

Name:us-gaap_Depreciation Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

Amount of increase (decrease) from effect of exchange rate changes on cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; held in foreign currencies. Excludes amounts for disposal group and discontinued operations. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates.

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 230 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477401/830-230-45-1

+ Details

Name:us-gaap_EffectOfExchangeRateOnCashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

The net realized gain (loss) on investments sold during the period, not including gains (losses) on securities separately or otherwise categorized as trading, available-for-sale,

or held-to-maturity, which, for cash flow reporting, is a component of proceeds from investing activities.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28

+ Details
Name:us-gaap_GainLossOnSaleOfInvestments Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration

- Definition

Amount of gain (loss) on sale or disposal of property, plant and equipment assets, including oil and gas property and timber property.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28

+ Details
Name:us-gaap_GainLossOnSaleOfPropertyPlantEquipment Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration

- Definition

The increase (decrease) during the reporting period in the aggregate amount of liabilities incurred (and for which invoices have typically been received) and payable to vendors for goods and services received that are used in an entity's business.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28

+ Details
Name:us-gaap_IncreaseDecreaseInAccountsPayable Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

The increase (decrease) during the reporting period in amount due within one year (or one business cycle) from customers for the credit sale of goods and services.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28

+ Details
Name:us-gaap_IncreaseDecreaseInAccountsReceivable Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration

- Definition

The increase (decrease) during the period in the amount due for taxes based on the reporting entity's earnings or attributable to the entity's income earning process (business presence) within a given jurisdiction.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28

+ Details
Name:us-gaap_IncreaseDecreaseInAccruedIncomeTaxesPayable Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

The increase (decrease) during the reporting period in the aggregate amount of expenses incurred but not yet paid.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28

+ Details

Name:us-gaap_IncreaseDecreaseInAccruedLiabilities Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

Amount of increase (decrease) in right to consideration in exchange for good or service transferred to customer when right is conditioned on something other than passage of time.

+ References

Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28

+ Details

Name:us-gaap_IncreaseDecreaseInContractWithCustomerAsset Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration

- Definition

Amount of increase (decrease) in obligation to transfer good or service to customer for which consideration has been received or is receivable.

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 912 -SubTopic 310 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478345/912-310-45-11Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28

+ Details

Name:us-gaap_IncreaseDecreaseInContractWithCustomerLiability Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

The increase (decrease) during the reporting period in the account that represents the temporary difference that results from Income or Loss that is recognized for accounting purposes but not for tax purposes and vice versa.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28

+ Details

Name:us-gaap_IncreaseDecreaseInDeferredIncomeTaxes Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration

- Definition

The increase (decrease) during the reporting period in the aggregate value of all inventory held by the reporting entity, associated with underlying transactions that are classified as operating activities.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28

+ Details

Name:us-gaap_IncreaseDecreaseInInventories Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration

- Definition

Amount of increase (decrease) in operating assets after deduction of operating liabilities classified as other.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28

+ Details

Name:us-gaap_IncreaseDecreaseInOtherOperatingCapitalNet ***Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:***

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M5[%=18A1:FX42$GH-NZGP8H9;A5=\[, G)SVH TJ*C%Q"UPUN)HS.JAVB##<% M/)'7'!Y]JQ/$>LZSI$4L^GZ)%>VUO 9YI9,T0\#)*J-K$M@9YVCD<[< &_1 M5/2M1BU?

1[+4X%>8^NZLF'P-;0^%=(T$7DQBTV[BNDE*C M&R2*XM3*URZ]K.68,-@^; P"> M_M6-]WCO4I-6UV+3[^&S72I3!#;OIDUR;N14#-N=.$!)VC'/<]A71S>#+B/5

*MJ

*K71>%+^[UG5O$&IO<.VG?, M/L=C%GY0L(VR./\ >D+#/^R*N^(}+DN/!.HZ3[]HEQ))9/;00ROA3E=HR3Z=_M?PJ?PUHL7ASPUIVCQ8*VD"QEA_$V/F;\6R?QH X;QQJD@DUZ72M1\227NEVW-MF$6!C6UM'$>\!]V-^>&8?,<'H*V=+UJ^O?'6DPRSL+>Y\.?;'@'"&4RQC=CU-MPQ'XUH:GX$T/5KV]N;E+M?MR@7<,-W)'%<87;"Z*0"0,#\:[USP=]4EU]=Y_HWBPV\7ER-# MR_M2*HZ?PCE?0UN:YHD\GC_PMD6LZA$%TZ]\RZ#J;B1=T1QO(X/3D#.!QZU-MTR>!O#\?ARYT",S:/3KB8SM&DK]^X,&5LY!!4$<|]MVOANPM;NPN|US-E 'GZZ[K=OI4NAK]UP96\4#14U&0*TR0%!)G)-M&"^"5!({@UKK+]'ASQA+HL>KWU_976D37BB\D$DEO+&RC(? .TANA[CBNCN/ M!VB7=E]%I/:L\5_=_;9OWC!A-A0'5@3-< MWER\\K1]D#,20O)X&*_.!6;6['X-/XHE\1:C<:G=6%O("S@1Q99,;5 X;!P3 MGG)-.S:*9_C9-'AN-DWC?:,B M'RI8&Q$^T/F5!AN.0,Y^H%7=/\,.GQ+UCQ/<6T48>TAM+5E;+2#K([#LW%WYH^T5[755C$F,-Y)P,X %7O!UW?1:YXDT"[OIK^'2¥X?L]S.09-D ML8?8Q &XJ>_7!%7+GP5I5W8V-O/+J#36+,UO>_;9/M,9;[WIW.X@],'C '"% M:.BZ#I_A^T>WL(G ED,LTDLC222N>K.[$ECP,M '!ZMJ>L:OXUU[3H4\0_9M M.6&* :/+!& [QAR\GF.I;] !RN%/*/$_A/0= UZ_. [4IK62UOM*9@5 M9PC.)P$SC;MR^.-K=L"NYU/PAIFJ:F=2,E]9WKQB*2:QNY(&E0= ^PC=C)P3 MR*FB\,.5%>PW9A>66"S-E'Y\K2A8BMM.O)+ZQ>_P!> MCT^UO+HQ-#!)N-"DT>Z%U=6\D@F:2XNI))1(,8<2%MRD8&,$8H P?$4 M%_X6T:S^S:YJ5PLVL64>ZZD#NB-*]NN[ )4CL>.,;S11?W,%H_AY! M]L#[2LGG8W#CKCCZ5]CP1HSZ-*>:95"0<,6)ST&/2@#SS3;]__ ![PY)IU[J M,UQ]SV=],.CM;]_40AL*"0,#<<9(KK/"0U^#Q%=0SVVM)HCVH=&U>:.&25+@- M@A2CL2I4YYZ%>,M:-MX#T&VT.XT7RKF73!BI$$UU(XAVG*B/)RF#R-N*O:/X M>MM&EDEBN]!1N974(7O:V2?"CL Q('X#- '/^(/[1U#XB:9HL&L7=A93:9//. MML0&D*R1@8)!VGGJ.<9'&,E'(' M) WN&BEBF9T*E2!"RAAZ89.[M^X YSVH R=8U6^@!=:C9Q74BV\?AM[MI8@>%E$L ?ZX%<_%=:YIGPST[7&\07MQ]>M)8PF6;.8K43,IWHF.H5ND)R>3 M79Z? X'T73KFYNHTN9;NZMFM;BXN+EY9)8R>C,O)[#'I5V3PUI4_AA/#DU]}= M+2W2W$+L<[$_"_-UR, YZY&: .,|>:'/H_PWUU1K6HWJR_9M@OG64Q,)DR0<-M X.1P>..,9Jf;_;_ WX]L+&XUV]O[/4-/N)KC[:RD1R1%#O3 &P$.?E'%;Z M>]=&&FWEC.U_=QW@C$SW5])*Y6-MR*&8G -[*"M6ZT6QO-5MM2N(=]S;0RP1D ML=NR3;O!'0YVB@#S>RUNZBU_PS>:.?? >)+]PU:[,$EQJ7EBWND:-V#1H,,ARH M(PJC%:VEW=_I_C4P^)+O6(+BZO)EL&5U:PN8B&,<8 'R.%&<-@DKU/2MFQ^`-MV@Z?99QS7DLB6_!&U%+8 P? T'I5FW\&Z5;ZM%J): ^GD@D:6 MWBN+R26*!V!!9$9B_<$@>F>,4 >>:.7K'B[7=(B\0:?;>()=1FNB\:"6W6P\H M2E3$4+AL; 1N(W;N;Z&ZN[_3/'#R>(+O6+>QGO8H],GM74V94A0(15)#,^X M;F'.1@C%;R>!M'BOGN;>34+:.2;SY+6WOY8X&D)R6,:L!R>2.A[BI)O!NE7& MK+J$[7TNVX%TMM)>2- LH.0XC+;<@\^F><4 +XOOK>QT1?/OKZT;\\<$?V!0 MT\KL> (TR#@GUXP,\BN#CUS6+++1_']J+C5X1ING)DZWH=CX@L5M+])"B2K-&\4C1O%(IRKJRD$$>M9L'@70X+75H/+N9?[6@ M$%[)-OK]=:69+R*X^^7N$!E5 MHU &S!7'N#SD\URVOIJ?B#X3:UXIN=>ODDG>8?805^SILYC>S'7"@[LY$7 MKDVAV$]UI=S)$QETLL;4[S\NY"ASZ_*3UK"O/AKX:OVO!/!=&WNY&FDM%NY! M!YK=9!&&#M#=\XZ\T ;>O)]DGAN_31)$CU1K=A:L^,"3"'7C\^*XO3]=LK+P] MK4=_]WB+3[RV2'[5%?%9KB N=]F$[6#;S\H(R.] M=]?V,.I6$MG.9!%*N"8 MI&C8=P0RD$'(Z@UAKX$T,V&H6ES'=7G]H!!57#%"5*DD*0>A[CH*S[*5M2;2? ^@6D> MJFUDT%+R<:4|<<\A58U5=\C+M49).#DY';->@6'@O2-/O)[Q?MEQ=W%L;6:X MNKJ25WC)SC+$XZ<8_K1<>"M&N-.TRS"7$'|EQB*RGM[AXYH5VA'H9;* M]O;J-'>-FOAB='5B&1^.,?3]>M,?PA8-IT=F+S54,<6(P/;J;^#(8[C0K;R;R-+TVZ>_E!E9H[@@[2S'[)"7=F).20!0 OCO4[VQ MT_2[2PN3:2ZI[<%@UTH!:%'W%F7/&["X&>YK)#ZAX,\8G1H]7OK^SO-)GN@M MY()++>6,J P; .T[NA[CBNQUG1K#7]-?3]2@\ZW3H(1+J]N7GE*#D(&]'AS1;B/X@>-IK;5,]KB":'RTFF!CD9[8$>8,V.DZO:.I>ZY!XEATF6XEA MO9%>)V5>9H&48VAL< C&1D=ZDLIS4_$FI>&M%EUB|LX6\/1ZG<2VL@26XE;8 M@!;'X&23CJ2,UU-GX)TBT;Z=F0;N;YMFM&EO+R29UA;JBEB=H^G/2B]\%/> MV^FQL;JW?381!:SVMT\,J1X *;U0! '6@#SFUU/5= |.:M:6MU=7-Y>>+WL M)+J%(Q.RLJEBH;"!R%QDX&3FNT\(C7H=>O8+FVUA-%:W1X6U>;&25)}IQ#*K(M[$J5P>>A!K1A\""^'8-#N=&CL-MC<3_;602ON67Y<.K9W*WR@Y!SGZU=T?P_; M:,\LD5UJ-S+(1>]O9)R .@ 8D#KV'- &!]SWNN?$'_A'1]=YI]A,::MZ_V- MQ').[R,@^?!(50O08R3S7&^(7O\ 4_6MV-I]MY.=&U^&SBN58*T\9FA*^9@ M89EW]1CE0:],UKPKINN7<%Y.;]WO8%*1W5G17$FYG)W,2R@DD\T 7TTIHQT[=>L?+,?VH 9N?XMV.O MOBO';?36MOV>+NX6_NY3<*H$)-;2:C\"DWG MK9Q7\]VZONW9$8;&,\[>GM0!G_%?/_"N=0VXW>=:XSTS]IBJGX&D"VWB%M0R MOBQ)G_M,MUZ'RC'_-,MN-OXYYKLM8T>SU[3)-.U"-I+:1D9E5BD)1PZ\CW4 M5# <>'],N=;CUAX66^2W>V.B.5WQ-U5@.& /(ST-'F^E7.N6GAGP9XEG\1:A M=7.H7=I,W-O*5\AIH?E(V@?>'!W9R3GUP-BWCU+Q9<^)KQO$.H;.--OI;*SA MM)%2.+RU4[W!!WIB*K-QQ[B@#C;3QUJ-E;:-XAU65OLFI M^'Y93!T07<(\S(';>A;C_9%,T/7O$,UIH_A74+^7^WTUC9>S X=K9$%P3]"& M1/QKO]8\)):)KNG6.GWUDK6MC*DMO$A*!"@(.&.V#C'2I(_#.E1>*9? $B6V-4 MEMQ;M+N."F1VZ9X SUP* //+N37+K0O&NN+XEU&"31KZ[^Q00E1&HB ?#@@[MP>F#P!7J.GW#7>FVMRX ::%)"!T!(!JA_P (QI?]F:MIWDO]FU:262[7S#EV ME&'P>V1Z5]001VUO%!$,1Q($49S@ 8% $E%% !1110 4444 %%%% !1110 M4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1 M110 5G:AK5HE_IMG<%_-U&9H(-]Y&X(7.?084UHUQGC'_D;?!'_ &$Y?_2> M2@#LZ*\ZW-?ZC]MTR_O6L62[D1.8OJ'&U00.3USGCCBM/Q/%*-/1(=0\!5;FP^R7;>0B/-M]H>+$,F[/"-W(QR.V15;4]/,) M_P#1G_?88GDYZC Y^E 'JM%>*Z,9^)?$ND76LV=J!K?VZ;9J$FL.GV4 M80I4(%?!4]0<]ZZFUTB+7/BEXB-_,T[P/>65SHUQ#9V-S8-9W<:#]GXCU'Q#]VLWMTM[8ZQ+,.0LMZ\0M8HR!& H M8+AAR<@[MU9\=C:^(-(\7ZY]^H7D6HV%[=PPR)>21?84B_U>U58 < ,21\V: M -/5ZJZAJ-GI5]+F^G6&$R)'O,.-SL%4<>I(%>:VD=SXJ\1>%8=9N+Q$N?#+1N-MKNWAF;$32;XOO;2#C+9P,=,=,BL?5;&*Z^'NHVEW+-?"_A]+B]ATHV5XTL$=W(#, T1"L^[< M1DYZY[=.*+,2++Q#XT\0Z9]TUTUKH\5K#8VRWDD8CC:+<9P>%W?4YW@1E(PA6-GR?P7'XUJUY%HE]=ZA!\/)KRXDNF75;V* M.YD.6FC2.=4VU_J216&HV]ZX^RLP"K \.0-NX'D9!SR*Rl:P.QX)\2^*=2U*\A MUNTGO?+E2\DC^Q-$S"..4#!0.*O!&6W7*V=C<73*66&-I"HZD 9_MI5?1-336]!T_58HVCCO;.X5&.2H=0P!_.J!N+F\^'_VF\39=3:7YDRXQAS% MEACZYK@M$C76?^$%\/ZA/.FE-X:2[$$E 'K=%> M-ZI/=6/A?QKI5AJ-W]AT_5;**RN/.9WAWO 9(UCT5XSX*TYMYLUMM-T^YM:N\FOKL16]K; M7)MQ*P1F(=P1\@)(YR0.#0!U-%>1Z39:QI.D>+= L9OL;VNI0>1.2:@\BA" MB/))A\P#88<=,D>M=EX%N[*6POK*VTZYTZ>RNC%=6D]P9Q%(54_(Y)RH!!& M,=3P* .JHKS*

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