0000950103-25-0019376-K ASE Technology Holding Co., Ltd. 20250213202502130606050606060606060 0 0000950103-25-001937 6-K 2 20250213 20250213 20250213 ASE Technology Holding Co., Ltd. 0001122411 3674 000000000 6-K 34 001-16125 25616980 26 CHIN THIRD ROAD NANTZE EXPORT PROCESSING ZONE KAOHSIUNG TAIWAN F5 00000 886-7-361-7173 26 CHIN THIRD ROAD NANTZE EXPORT PROCESSING ZONE KAOHSIUNG TAIWAN F5 00000 ASE Industrial Holding Co., Ltd. 20180430 ADVANCED SEMICONDUCTOR ENGINEERING INC 20000822 6-K 1 dp224882_6k.htm FORM 6-K Â UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 Â FORM 6-K Â REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 UNDER THE SECURITIES EXCHANGE ACT OF 1934 Â February 13, 2025 Â Â Commission File Number 001-16125 Â Â ASE Technology Holding Co., Ltd. (Translation of registrantâ€™s name into English) Â Â 26, Chin 3rd Road Kaohsiung, Taiwan Republic of China (Address of principal executive offices) Â Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F. Â Form 20-FÂ â˜'Â Â Â Â Â Â Form 40-F â˜Â Â Â Â Â Â Â Â SIGNATURES Â Pursuant to the requirements 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. Â Â ASE TECHNOLOGY HOLDING CO., LTD. Â Â Â Â Date: February 13, 2025 By:Â Â Â Â /s/ Joseph Tung Â Â Name: Joseph Tung Â Â Title: Chief Financial Officer Â Â Â Â Â Investor Relations Contact ir@aseglobal.com Tel: +886.2.6636.5678 https://www.aseglobal.com Â ASE Technology Holding Co., Ltd. Reports Its Unaudited Consolidated Financial Results for the Fourth Quarter and the Full Year of 2024 Â Taipei, February 13, 2025 â€" ASE Technology Holding Co., Ltd. (TWSE: 3711, NYSE: ASX) (â€œWeâ€, â€œASEHâ€, or the â€œCompanyâ€), the leading provider of semiconductor assembly and testing services (â€œATMâ€) and the provider of electronic manufacturing services (â€œEMSâ€), today reported its unaudited net revenues1 of NT$162,264 million for 4Q24, up by 1.0% year-over-year and up by 1.3% sequentially. Net income attributable to shareholders of the parent for the quarter totaled NT9,312 million, down from NT$9,392 million in 4Q23 and down from NT$9,733 million in 3Q24.Â Â Basic earnings per share for the quarter were NT$2.15 (or US$0.134 per ADS), compared to NT$2.18 for 4Q23 and NT$2.25 for 3Q24.Â Â Diluted earnings per share for the quarter were NT$2.07 (or US$0.129 per ADS), compared to NT$2.13 for 4Q23 and NT$2.18 for 3Q24. Â For the full year of 2024, the Company reported unaudited net revenues of NT$595,410 million and net income attributable to shareholders of the parent of NT$32,483 million.Â Â Basic earnings per share for the full year of 2024 were NT$7.52 (or US$0.470 per ADS).Â Â Diluted earnings per share for the full year of 2024 were NT$7.23 (or US$0.452 per ADS). Â As of December 31, 2024, we have completed the purchase price allocation of business combination, and have retrospectively adjusted the consolidated financial results for the prior period. Â RESULTS OF OPERATIONS Â 4Q24 Results Highlights â€" Consolidated Â â— Net revenues from packaging operations, testing operations, EMS operations, and others represented approximately 43%, 10%, 46%, and 1% of the total net revenues for the quarter, respectively. Â â—Cost of revenues was NT$135,633 million for the quarter, up from NT$133,679 million in 3Q24. Â -Raw material cost totaled NT$84,434 million for the quarter, representing 52% of the total net revenues. Â Â 1 All financial information presented in this press release is unaudited, consolidated and prepared in accordance with Taiwan-IFRS (International Financial Reporting Standards as endorsed for use in the R.O.C.). Such financial information is generated internally by us and has not been subjected to the same review and scrutiny, including internal auditing procedures and audit by our independent auditors, to which we subject our year-end audited consolidated financial statements, and may vary materially from the year-end audited consolidated financial information for the same period. Any evaluation of the financial information presented in this press release should also take into account our published year-end audited consolidated financial statements and the notes to those statements. In addition, the financial information presented is not necessarily indicative of our results of operations for any future period. Â 1Â Â Â Â Â -Labor cost totaled NT$16,749 million for the quarter, representing 10% of the total net revenues. Â -Depreciation, amortization and rental expenses totaled NT$13,961 million for the quarter. Â â—Gross margin decreased by 0.1 percentage points to 16.4% in 4Q24 from 16.5% in 3Q24. Â â—Operating margin was 6.9% in 4Q24, compared to 7.2% in 3Q24. Â â—In terms of non-operating items: Â -Net interest expense was NT$1,308 million. Â -Net foreign exchange loss was NT$2,787 million, primarily attributable to the appreciation of the U.S. dollar against the New Taiwan dollar. Â -Net gain on valuation of financial assets and liabilities was NT$4,017 million. Â -Net loss on equity-method investments was NT$133 million. Â -Other net non-operating income was NT$441 million, primarily attributable to miscellaneous income. Â Total non-operating income and expenses for the quarter was NT$230 million. Â â—Income before tax was NT$11,441 million in 4Q24, compared to NT$12,325 million in 3Q24. We recorded income tax expenses of NT$1,862 million for the quarter, compared to NT$2,052 million in 3Q24. Â â—Net income attributable to shareholders of the parent was NT$9,312 million in 4Q24, compared to NT$9,392 million in 4Q23 and NT$9,733 million in 3Q24. Â â—Our total number of shares outstanding at the end of the quarter was 4,414,930,537, including treasury stock owned by our subsidiaries in 4Q24. Our 4Q24 basic earnings per share of NT$2.15 (or US$0.134 per ADS) were based on 4,324,469,567 weighted average numbers of shares outstanding in 4Q24.Â Â Our 4Q24 diluted earnings per share of NT$2.07 (or US$0.129 per ADS) were based on 4,399,408,735 weighted average number of shares outstanding in 4Q24. Â 4Q24 Results Highlights â€" ATM Â â—Net revenues were NT$88,363 million for the quarter, up by 7.8% year-over-year and up by 3.0% sequentially. Â â—Cost of revenues was NT$67,754 million for the quarter, up by 7.9% year-over-year and up by 2.7% sequentially. Â -Raw material cost totaled NT$24,774 million for the quarter, representing 28% of the total net revenues. Â -Labor cost totaled NT$13,661 million for the quarter, representing 15% of the total net revenues. Â -Depreciation, amortization and rental expenses totaled NT$12,508 million for the quarter. Â â—Gross margin increased by 0.2 percentage points to 23.3% in 4Q24 from 23.1% in 3Q24. Â â—Operating margin was 10.7% in both 4Q24 and 3Q24. Â 2Â Â Â Â 4Q24 Results Highlights â€" EMS Â â—Net revenues were NT$74,895 million, down by 5.4% year-over-year and down by 0.6% sequentially. Â â—Cost of revenues for the quarter was NT$68,713 million, down by 5.2% year-over-year and up by 0.1% sequentially. Â -Raw material cost totaled NT$60,178 million for the quarter, representing 80% of the total net revenues. Â -Labor cost totaled NT$2,980 million for the quarter, representing 4% of the total net revenues. Â -Depreciation, amortization and rental expenses totaled NT$1,191 million for the quarter. Â â—Gross margin decreased by 0.7 percentage points to 8.3% in 4Q24 from 9.0% in 3Q24. Â â—Operating margin was 2.7% in 4Q24, compared to 3.3% in 3Q24. Â 2024 Full-Year Results Highlights â€" Consolidated Â â—Net revenues for the full year of 2024 amounted to NT$595,410 million, up by 2.3% from the full year of 2023. Net revenues from packaging operations, testing operations, EMS operations and others represented approximately 44%, 9%, 46% and 1% of total net revenues for the year, respectively. Â â—Cost of revenue for the year of 2024 was NT$498,478 million, compared to NT$490,157 million in 2023. Â -Raw material cost totaled NT$306,359 million for the year, representing 51% of total net revenues. Â -Labor cost totaled NT$64,268 million for the year, representing 11% of total net revenues. Â -Depreciation, amortization and rental expenses totaled NT$54,254 million for the year. Â â—Gross margin increased by 0.5 percentage points to 16.3% in 2024 from 15.8% in 2023. Â â—Operating margin decreased to 6.6% in 2024 from 6.9% in 2023. Â â—Total non-operating income for the year was NT$2,517 million, compared to NT$2,272 million in 2023. Â â—Income before tax was NT$41,684 million in 2024.Â Â We recognized an income tax expense of NT$7,758 million for the year. Â â—Net income attributable to shareholders of the parent amounted to NT$32,483 million in 2024, compared to NT$31,725 million in 2023. Â â—Our 2024 basic earnings per share of NT$7.52 (or US$0.470 per ADS) were based on 4,318,991,036 weighted average numbers of shares outstanding in 2024.Â Â Our 2024 diluted earnings per share of NT$7.23 (or US$0.452 per ADS) were based on 4,392,013,361 weighted average number of shares outstanding in 2024. Â 2024 Full-Year Results Highlights â€“ ATM Â â—Cost of revenues for the full year of 2024 was NT$252,712 million, compared to NT$246,397 million in 2023. Â 3Â Â Â Â Â -Raw material cost totaled NT$90,307 million for the year, representing 28% of total net revenues. Â -Labor cost totaled NT$51,652 million for the year, representing 16% of total net revenues. Â -Depreciation, amortization and rental expenses totaled NT$48,392 million for the year. Â â—Gross margin increased to 22.5% in 2024 from 21.8% in 2023. Â â—Operating margin decreased to 9.8% in 2024 from 10.1% in 2023. Â 2024 Full-Year Results Highlights â€“ EMS Â â—Cost of revenues was NT$248,135 million in 2024, up by 1.3% from 2023. Â -Raw material cost totaled NT$216,864 million for the year, representing 80% of total net revenues. Â -Labor cost totaled NT$12,161 million for the year, representing 4% of total net revenues. Â -Depreciation, amortization and rental expenses totaled NT$4,808 million for the year. Â â—Gross margin increased to 9.0% in 2024 from 8.7% in 2023. Â â—Operating margin decreased to 2.9% in 2024 from 3.3% in 2023. Â LIQUIdiTY AND CAPITAL RESOURCES Â â—Capital expenditures in 4Q24 totaled US$640 million, of which US$321 million was used in packaging operations, US$290 million in testing operations, US$24 million in EMS operations and US$5 million in interconnect materials operations and others. Â â—Capital expenditures in 2024 totaled US$1,876 million, of which US$957 million was used in packaging operations, US$815 million in testing operations, US$89 million in EMS operations and US$15 million in interconnect materials operations and others. Â â—Total unused credit lines amounted to NT$375,734 million as of December 31, 2024. Â â—Current ratio was 1.19 and net debt to equity ratio was 0.37 as of December 31, 2024. Â â—Total number of employees was 95,492 as of December 31, 2024, compared to 94,456 as of September 30, 2024. Â Business Review Â Customers2 Â ATM Basis Â â—Our five largest customers together accounted for approximately 44% of our total net revenues in 4Q24, compared to 42% in 3Q24.Â Â Two customers each accounted for more than 10% of our total net revenues in 4Q24 individually. Â â—Our top 10 customers contributed 60% of our total net revenues in 4Q24, compared to 58% in 3Q24. Â Â Â 2 In the fourth quarter of 2024, we adjusted our calculation method of revenue sourcing to focus on direct customers rather than end customers. We believe this method better reflects our current business environment. Consequently, we have retrospectively adjusted our customer metrics for the third quarter of 2024. Â 4Â Â Â Â Â Â â—Our customers that are integrated device manufacturers or IDMs accounted for 32% of our total net revenues in 4Q24, compared to 34% in 3Q24. Â EMS Basis Â â—Our five largest customers together accounted for approximately 72% of our total net revenues in 4Q24, compared to 71% in 3Q24. One customer accounted for more than 10% of our total net revenues in 4Q24. Â â—Our top 10 customers contributed 78% of our total net revenues in 4Q24, compared to 77% in 3Q24. Â About ASE Technology Holding Co., Ltd. ASEH is the leading provider of semiconductor manufacturing services in assembly and test. The Company develops and offers complete turnkey solutions covering front-end engineering test, wafer probing and final test, as well as packaging, materials and electronic manufacturing services through USI with superior technologies, breakthrough innovations, and advanced development programs. With advanced technological capabilities and a global presence spanning Taiwan, China, South Korea, Japan, Singapore, Malaysia, Philippines, Vietnam, Mexico, and Tunisia as well as the United States and Europe, ASEH has established a reputation for reliable, high quality products and services. Â For more information, please visit our website at https://www.aseglobal.com. Â Safe Harbor Notice This press release contains "forward-looking statements" within the meaning of Section 27A of the United States Securities Act of 1933, as amended, and Section 21E of the United States Securities Exchange Act of 1934, as amended. These statements are made under the â€œsafe harborâ€ provisions of the U.S. Private Securities Litigation Reform Act of 1995. Although these forward-looking statements, which may include statements regarding our future results of operations, financial condition or business prospects, are based on our own information and information from other sources we believe to be reliable, you should not place undue reliance on these forward-looking statements, which apply only as of the date of this press release. The words â€œanticipate,â€ â€œbelieve,â€ â€œestimate,â€ â€œexpect,â€ â€œintend,â€ â€œplanâ€ and similar expressions, as they relate to us, are intended to identify these forward-looking statements in this press release. These forward-looking statements are necessarily estimates reflecting the best judgment of our senior management and our actual results of operations, financial condition or business prospects may differ materially from those expressed or implied by the forward-looking statements for reasons including, among others, risks associated with cyclicality and market conditions in the semiconductor or electronic industry; changes in our regulatory environment, including our ability to comply with new or stricter environmental regulations and to resolve environmental liabilities; demand for the outsourced semiconductor packaging, testing and electronic manufacturing services we offer and for such outsourced services generally; the highly competitive semiconductor or manufacturing industry we are involved in; our ability to introduce new technologies in order to remain competitive; international business activities; our business strategy; our future expansion plans and capital expenditures; the strained relationship between the Republic of China and the Peopleâ€™s Republic of China; general economic and political conditions; the recent shift in United States trade policies; possible disruptions in commercial activities caused by natural or human-induced disasters; fluctuations in foreign currency exchange rates; and other factors. The announced results of the full year of 2024 are preliminary and subject to audit adjustments. For a discussion of these risks and other factors, please see the documents we file from time to time with the Securities and Exchange Commission, including the 2023 Annual Report on Form 20-F filed on April 3, 2024. Â 5Â Â Â Â Â Supplemental Financial Information (Unaudited) Â Consolidated Operations Â 4Q24 3Q24 4Q23 EBITDA3 (NT$ million) 28,797 28,692 28,606 Â ATM Operations Â 4Q24 3Q24 4Q23 Net Revenues (NT$ million) 88,363 85,790 82,004 Revenues by Application Â Â Â Communication 53% 50% 53% Computing 17% 18% 17% Automotive, Consumer & Others 30% 32% 30% Revenues by Type Â Â Â Bumping, Flip Chip, WLP & SiP 47% 45% 44% Wirebonding 27% 29% 30% Others 7% 8% 8% Testing 18% 16% 16% Material 1% 2% 2% Capacity & EBITDA Â Â Â CapEx4(US$ million) 616 588 213 EBITDA3 (NT$ million) 24,845 24,257 23,787 Number of Wirebonders 25,328 25,373 25,860 Number of Testers 6,300 5,966 5,556 Â Â Â Â Â EMS Operations Â 4Q24 3Q24 4Q23 Net Revenues (NT$ million) 74,895 75,384 79,182 Revenues by Application Â Â Â Communication 37% 34% 40% Computing 9% 9% 11% Consumer 33% 36% 28% Industrial 11% 11% 11% Automotive

8% 9% 8% Others 2% 1% 2% Capacity Â Â Â CapEx4 (US$ million) 24 14 21 Â Â 3 EBITDA stands for net income or
loss before interest, taxes, depreciation, amortization, impairment and investment gain or loss as well as other items. 4
Capital expenditure excludes building construction costs. 6Â Â Â Â Â ASE Technology Holding Co., Ltd. Summary of
Consolidated Statement of Income Data (In NT$ million, except per share data) (Unaudited) Â Â For the three months
ended Â For the year ended Â Dec. 31 2024 Â Â Sep. 30 2024 (Retrospectively Adjusted) Â Dec. 31 2023 Â Dec. 31
2024 Â Dec. 31 2023 Â Net revenues Â Â Â Â Â Â Â Â Â Â Packaging 70,285 Â 69,154 Â 66,221 Â 261,732 Â
256,805 Â Testing 15,713 Â 14,124 Â 13,363 Â 54,562 Â 49,881 Â EMS 74,243 Â 74,871 Â 79,155 Â 271,293 Â
268,218 Â Others 2,023 Â 1,956 Â 1,842 Â 7,823 Â 7,010 Â Total net revenues 162,264 Â 160,105 Â 160,581 Â
595,410 Â 581,914 Â Â Â Â Â Â Â Â Â Â Â Â Cost of revenues (135,633) Â (133,679) Â (134,820) Â (498,478)
Â (490,157) Â Gross profit 26,631 Â 26,426 Â 25,761 Â 96,932 Â 91,757 Â Â Â Â Â Â Â Â Â Â Â Â Operating
expenses Â Â Â Â Â Â Â Â Â Â Research and development (7,676) Â (7,439) Â (6,950) Â (28,830) Â (25,499) Â
Selling, general and administrative (7,744) Â (7,517) Â (6,996) Â (28,935) Â (25,930) Â Total operating expenses
(15,420) Â (14,956) Â (13,946) Â (57,765) Â (51,429) Â Operating income 11,211 Â 11,470 Â 11,815 Â 39,167 Â
40,328 Â Â Â Â Â Â Â Â Â Â Â Â Net non-operating income and expenses Â Â Â Â Â Â Â Â Â Â Interest
expense - net (1,308) Â (1,291) Â (1,302) Â (4,864) Â (4,726) Â Foreign exchange gain (loss) - net (2,787) Â 1,887 Â
3,731 Â (5,539) Â 998 Â Gain (Loss) on valuation of financial assets and liabilities - net 4,017 Â Â (946) Â Â (2,977)
Â Â 9,833 Â Â 1,860 Â Â Gain (Loss) on equity-method investments - net (133) Â 485 Â 155 Â 868 Â 1,125 Â
Others - net 441 Â 720 Â 945 Â 2,219 Â 3,015 Â Total non-operating income and expenses 230 Â 855 Â 552 Â 2,517
Â 2,272 Â Income before tax 11,441 Â 12,325 Â 12,367 Â 41,684 Â 42,600 Â Â Â Â Â Â Â Â Â Â Â Â Income
tax expense (1,862) Â (2,052) Â (2,461) Â (7,758) Â (9,043) Â Income from operations and before non-controlling
interests 9,579 Â 10,273 Â 9,906 Â Â 33,926 Â 33,557 Â Â Non-controlling interests (267) Â (540) Â (514) Â
(1,443) Â (1,832) Â Â Â Â Â Â Â Â Â Â Â Â Net income attributable to shareholders of the parent 9,312 Â 9,733
Â 9,392 Â 32,483 Â 31,725 Â Â Â Â Â Â Â Â Â Â Â Â Per share data: Â Â Â Â Â Â Â Â Â Â Earnings per
share Â Â Â Â Â Â Â Â Â Â â€“ Basic NT$2.15 Â NT$2.25 Â NT$2.18 Â NT$7.52 Â NT$7.39 Â â€“ Diluted
NT$2.07 Â NT$2.18 Â NT$2.13 Â NT$7.23 Â NT$7.18 Â Â Â Â Â Â Â Â Â Â Â Â Earnings per equivalent ADS
Â Â Â Â Â Â Â Â Â Â â€“ Basic US$0.134 Â US$0.139 Â US$0.137 Â US$0.470 Â US$0.475 Â â€“ Diluted
US$0.129 Â US$0.135 Â US$0.133 Â US$0.452 Â US$0.462 Â Â Â Â Â Â Â Â Â Â Â Â Number of weighted
average shares used in diluted EPS calculation (in thousand shares) 4,399,409 4,391,465 Â 4,351,271 Â 4,392,013 Â
4,347,671 Â Â Â Â Â Â Â Â Â Â Â Â FX (NTD/USD) 32.16 Â 32.31 Â 31.92 Â 32.00 Â 31.09 Â 7Â Â Â Â Â
ASE Technology Holding Co., Ltd. Summary of ATM Statement of Income Data (In NT$ million) (Unaudited) Â Â For
the three months ended Â For the year ended Â Dec. 31 2024 Â Â Sep. 30 2024 (Retrospectively Adjusted) Â Dec. 31
2023 Â Dec. 31 2024 Â Dec. 31 2023 Â Net revenues: Â Â Â Â Â Â Â Â Â Â Packaging 71,342 Â 70,290 Â
67,378 Â 265,858 Â 260,486 Â Testing 15,713 Â 14,124 Â 13,363 Â 54,562 Â 49,881 Â Direct Material 1,233 Â
1,295 Â 1,205 Â 5,130 Â 4,574 Â Others 75 Â 81 Â 58 Â 325 Â 174 Â Total net revenues 88,363 Â 85,790 Â
82,004 Â 325,875 Â 315,115 Â Â Â Â Â Â Â Â Â Â Â Â Cost of revenues (67,754) Â (65,995) Â (62,786) Â
(252,712) Â (246,397) Â Gross profit 20,609 Â 19,795 Â 19,218 Â 73,163 Â 68,718 Â Â Â Â Â Â Â Â Â Â Â Â
Operating expenses: Â Â Â Â Â Â Â Â Â Â Research and development (6,047) Â (5,773) Â (5,425) Â (22,438) Â
(19,786) Â Selling, general and administrative (5,127) Â (4,803) Â (4,581) Â (18,739) Â (17,086) Â Total operating
expenses (11,174) Â (10,576) Â (10,006) Â (41,177) Â (36,872) Â Operating income 9,435 Â 9,219 Â 9,212 Â 31,986
Â 31,846 Â 8Â Â Â Â Â ASE Technology Holding Co., Ltd. Summary of EMS Statement of Income Data (In NT$
million) (Unaudited) Â Â For the three months ended Â For the year ended Â Dec. 31 2024 Â Sep. 30 2024 Â Dec. 31
2023 Â Dec. 31 2024 Â Dec. 31 2023 Â Net revenues Â Â Â Â Â Â Â Â Â Â Total net revenues 74,895 Â 75,384
Â 79,182 Â 272,550 Â 268,309 Â Â Â Â Â Â Â Â Â Â Â Â Cost of revenues (68,713) Â (68,627) Â (72,496) Â
(248,135) Â (244,947) Â Gross profit 6,182 Â 6,757 Â 6,686 Â 24,415 Â 23,362 Â Â Â Â Â Â Â Â Â Â Â Â
Operating expenses Â Â Â Â Â Â Â Â Â Â Research and development (1,673) Â (1,668) Â (1,567) Â (6,542) Â
(5,871) Â Selling, general and administrative (2,523) Â (2,636) Â (2,320) Â (9,883) Â (8,511) Â Total operating
expenses (4,196) Â (4,304) Â (3,887) Â (16,425) Â (14,382) Â Operating income 1,986 Â 2,453 Â 2,799 Â 7,990 Â
8,980 Â 9Â Â Â Â Â ASE Technology Holding Co., Ltd. Summary of Consolidated Balance Sheet Data (In NT$
million) (Unaudited) Â Â Â Â As of Dec. 31, 2024 Â Â As of Sep. 30, 2024 (Retrospectively Adjusted) Current assets
Â Â Â Â Â Â Cash and cash equivalents Â Â 76,493 Â Â 71,711 Financial assets â€“ current Â Â 9,376 Â Â 6,643
Trade receivables Â Â 113,420 Â Â 114,061 Inventories Â Â 61,181 Â Â 68,991 Others Â Â 14,815 Â Â 17,399
Total current assets Â Â 275,285 Â Â 278,805 Â Â Â Â Â Â Â Financial assets â€“ non-current & Investments â€“
equity -method Â Â 41,810 Â Â 42,300 Property, plant and equipment Â Â 312,531 Â Â 283,886 Right-of-use assets
Â Â 11,851 Â Â 11,502 Intangible assets Â Â 67,562 Â Â 67,639 Others Â Â 31,659 Â Â 30,516 Total assets Â Â
740,698 Â Â 714,648 Â Â Â Â Â Â Â Current liabilities Â Â Â Â Â Â Short-term borrowings5 Â Â 47,445 Â Â
56,726 Current portion of bonds payable & Current portion of long-term borrowings Â 18,883 Â Â 23,531 Trade
payables Â Â 78,221 Â Â 82,595 Others Â Â 86,391 Â Â 72,698 Total current liabilities Â Â 230,940 Â Â 235,550
Â Â Â Â Â Â Â Bonds payable Â Â 17,978 Â Â 17,073 Long-term borrowings Â Â 121,750 Â Â 108,003 Other
liabilities Â Â 24,243 Â Â 22,912 Total liabilities Â Â 394,911 Â Â 383,538 Â Â Â Â Â Â Â Equity attributable to
shareholders of the parent Â Â 323,523 Â Â 309,456 Non-controlling interests Â Â 22,264 Â Â 21,654 Total
liabilities & shareholdersâ€™ equity Â Â 740,698 Â Â 714,648 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Current ratio Â
Â 1.19 Â Â 1.18 Net debt to equity ratio Â Â 0.37 Â Â 0.41 Â Â 5 Short-term borrowings include short-term loans
and bills payable. Â 10Â Â Â Â Â ASE Technology Holding Co., Ltd. Summary of Consolidated Statement of Cash
Flow Data (In NT$ million) (Unaudited) Â Â Â For the three months ended Â For the year ended Â Â Dec. 31 2024 Â
Â Sep. 30 2024 (Retrospectively Adjusted) Â Dec. 31 2023 Â Dec. 31 2024 Â Dec. 31 2023 Cash Flows from Operating
Activities Â Â Â Â Â Â Â Â Â Â Income before tax Â 11,441 Â 12,325 Â 12,367 Â 41,684 Â 42,600 Depreciation
& amortization Â 15,360 Â 15,043 Â 14,607 Â 59,815 Â 58,102 Other operating activities items Â 8,444 Â (5,306) Â
19,854 Â (10,711) Â 13,720 Net cash generated from operating activities Â 35,245 Â 22,062 Â 46,828 Â 90,788 Â
114,422 Cash Flows from Investing Activities Â Â Â Â Â Â Â Â Â Â Net payments for property, plant and
equipment Â (31,546)Â Â Â (19,769) Â (11,859) Â (78,614)Â Â Â (53,683) Other investment activities items Â (11)
Â (2,593) Â 582 Â (5,294) Â (1,439) Net cash used in investing activities Â (31,557) Â (22,362) Â (11,277) Â
(83,908) Â (55,122) Cash Flows from Financing Activities Â Â Â Â Â Â Â Â Â Â Total net proceeds from
(repayment of) borrowings and bonds Â (1,952) Â 30,909 Â (24,441) Â 16,487 Â (10,817) Dividends paid Â - Â
(22,460) Â - Â (22,460) Â (37,841) Other financing activities items Â (121) Â (51) Â 534 Â (1,298) Â (443) Net cash
generated from (used in) financing activities Â (2,073) Â 8,398 Â (23,907) Â (7,271) Â (49,101) Foreign currency

exchange effect Â 3,167 Â (2,560) Â (7,433) Â 9,600 Â (955) Net increase in cash and cash equivalents Â 4,782 Â 5,538 Â 4,211 Â 9,209 Â 9,244 Cash and cash equivalents at the beginning of period Â 71,711 Â 66,173 Â 62,812 Â 67,284 Â 58,040 Cash and cash equivalents at the end of period Â 76,493 Â 71,711 Â 67,023 Â 76,493 Â 67,284 Cash and cash equivalents in the consolidated balance sheet Â 76,493 Â 71,711 Â 67,284 Â 76,493 Â 67,284 Cash and cash equivalents included in disposal groups held for sale Â - Â - Â (261) Â - Â - Â Â 11Â Â GRAPHIC 2 image_001.jpg GRAPHIC
begin 644 image_001.jpg M_]C_X 02D9)1@ ! 0$ 8 !@ #_VP!# @&!@<&!0@'!P<)"0@*#!0-#
L+ M#!D2$P\4'1H?'AT:'!P@)"XG("(L(QP<*#7J#A(6&AXB)BI*3E)66EYB9FJ*CI*6FIZBIJK*SM+6VM[BYNL+#Q,7&
MQ\C)RM+3U-76U]C9VN'BX^3EYN?HZ>KQ\O/T]?;W^/GZ_\0 'P$ P$! 0$! M 0$! 0 $" P0%!@<("0H+_\0 M1$ @$"! 0#!<%! $ 0)W $" M Q$$!2$Q!A)!40=A<1,B,H$(%$*$*1H;'!"2,4O 58G+1"A8D-.$E\1<8&1HF M)R@I*C4V-S@Y.D-$149'2$E*4U155E=865IC9&5F9VAI:G-T=79W>'EZ@H.$
$149'2$E*4U155E=865IC9&5F9VAI:G-T=79W>'EZ@H.$
MA8:'B(F*DI.4E9:7F)F:HJ.DI::GJ*FJLK.TM;:WN+FZPL/$Q<;'R,G*TM/4 MU=;7V-G:XN/DY>;GZ.GJ\O/T]?;W^/GZ_]H # ,! (1 Q$ /P#W^BBB@ HH

M91>1911]PN3]3R:GKQZLN:;9^V95AOJV"ITNJ2OZO5_F%%%%9GI!5:]L+;4(M?
*N8@Z]CW7Z'M5FBG&3B[IZDRC&:Y9*Z.!UCPU<:?NF@S-;#G('S*/AKW,)F5_V?,['J7P*M]_BV_N",B*R*CV+.O]
:]^KYF^'?CBT\$O MJ4L]C+=27*QK&$<*%"[LY)]KGXW^*)N(;?3K<=BL3,?U8C]*Q[GXK>,[D$'6#&I[101K^NW/Z
MU*H2'[6)].TCNJ*6=@JCJ2< 5\EW/C'Q-=Y\[7]28'JHN7 _('%9,]S<7+;I MYY96]9'+']:I8=]6+VOD?
6]SXET*SS]IUK3H<=I+I%/ZFLBY^)?@VU)$FNV[M8_YY*\G_ *"#7RU15K#KN+VK/HVY^-/A& 'RWO;C_KE;X_\
0B*R+CX\Z4I_ MT;1KR0?]-)%3^6:\)J:UM9[Z[AM;6)I9YG"1QJ,EF/ %5[&")]I(^J_"'BRS M\8:+_:-HCQ%7,4L+G)1@
<9[C!!S6_7,^!/"B>$/#45@6#W,A\ZY<=#(0 0/ M8 #Z9[UTU<.A_]=)OY)7L->/? M'O\ X\=#_P"NDW\DK6E\:
(J?"SQ"BBBN\Y3>T?P7XAU^R-YI>F27-N'*%U=0 M-PQDHJ_\ *Q\9_\ 0"F_[^1__%5ZY\$O^1#D_P"OV3_T%*]'KEG6DI-&
M\:::N?+G_"L?&?\ T IO^_D?_P 51_PK'QG_ - *;_OY'_\ %5]1T5/UB78? MLD?+G_"L?&?_ $ IO^_D?_Q5'_"L?&?_ $ IO^_D?
_Q5?4=%'UB78/9(^7/^ M%8^,_P#H!3?]_(__ (JC_A6/C/\ Z 4W_?R/_P"*KZCHH^L2[!])'RY_PK'Q MG_T IO\ OY'_
/%5RUQ!+:W,MO.A26)RCJ>S X(_.OLROD+Q)_R-.K_]?LW_ M *&:UI5'-NYG."CL9E:?AO\
Y&G2/^OV'_T,5F5I^&_^1ITC_K]A_P#0Q6SV M(6Y]>T445YAV!1110
5X)\=_^1ITW_KR_P#9VKWNO!/CO_R-.F_]>7_7L[5M1 M^,SJ?">54445W',>U^"_A5X>U_PAIVJ7L7CWPN+A&A&9Q'* O#$$<#;
[5O?\ "DO" MG_/34?\ O^O_ ,36U\,/^2<:-_US?_T8U=;7!*I)2>IU*+,;;'G'_ I+PI_S MTU'_ + K_P#$T?\ "DO"G_/34?\ O^O_
,37H]%3[2?BCVD^XQKXKXZ^%OA_P_P .>#;_ M %:Q>]-S!Y>P2R@K\TBJ,U].?%G_DF6K_ /;'_P!')7S'771DW'4P
MJ))Z!76_#'_DH^C?]='_ /0&KDJZWX8_\E'T;_KH_P#Z U:3^%D1W1]1T445 MYIV!1110 5Y=\;?#PO\
PY!K,*9FL'VR$#DQ.HU5U&PAU33+JPN! MF&YB:)_HPQ50ERR3%)75CXYHJSJ-C+IFI75A.,36TK1/]5.#_*JU>D<9]"_!
M;Q%_:?A>32IGS<:<^U'[++D\88 MC:?P;;^M?3U<-:-I'33=T>8_'3_D2;+_ +"*?^BY*^?:^@OCI_R)-E_V$4_]
M%R5\^UT4/@,JGQ!7U'\,/^2<:-_US?\ ]&-7RY7U'\,/^2<:-_US?_T8U3B/ MA0Z6YUM17-S#9VLUU<2".&%#)(YZ*H&2?
RJ6O*/C5XJ%%CI,?AZVD_P!(O)+ MC!^[$#P/^!$?D#ZURPCS.QO)V5SQWQ1KLOB3Q)>ZK+N GD/EJ?X$'"K^ K(
MHHKT4K:'&;'A?0)_$_B*TTJ#(\YLR.!]Q!RS?E^N*^*LK2UAL;."TMHQ'!!&L M<:#HJ@8 KSWX0^#SH6A'5[R/;?
Z@H*@CF.'JH^I^\?\ @/I7I%<5:?,[+H=- M.-E<****Q- HHHH \<\0_&;4-&\1:AID>DVLB6L[Q*[2,"P!QDUF_P#"^=3_ M
.@+9_\ ?UJX3QU_R/FN_P#7[+++[+_Z$$:Y^NZ-*EH*O$$4OBKB7YM6G@@ M2"2554QH20-J@=_I6+116J5E9&&>Y-
:7!M;R"X50QBD5P#WP$LH/\3=%'XD@?C7#.-IM(MZHOW;L^9O']\-1\>ZUE M96.5N[/6/@/:E_$6J7>.(K019_WG!_\
9*]XKRSX&:8;?PQ?Z@RX-WIUPU7>;.FFK1"O%_C]_S+W_&_^TJ]HKQ?X_?R]_V_\ M*BC M\:"I\)XO7H_P2'P_Y'Q_\ \R]_V_\ M*BC
KRD_]"6O.*]'^"7"/C_P#7E)_Z$$M=E3X&<\/B1 M[9XC\8:-X4^S?VO5MB9\[<9Z#C[PK!_X7!X,;.BO]@M)_&A7!?) 8E_'[?I[')?'[_JW!$)_X7!X,/+_B[^
)E[_MY]I5XO6%.E&4&\5_:?[(N'F^S;?-W1-W1V1W&5G8[ZY.Q;#V!Q/C/UBE2'&5"_4.#Q&ES,
^W;_VK7M%85(J,K(TB(TB[BI5XSK?QJU'2TFVLNJ "2M?U'3:D+0>FT+HJRZ5NOBD@MP%L.CP>CLI=AAV.SL
I:'H/_"^=3_Z MMG_W]:O]%OVU76+W4701O=W$D[(IR%+6P/SJI177AA&$DWN%%U;R&W%8SZ&X<>P3BAUTR
M/UIM3M[:X*5[1\;_P#D"'>&_VG_C8SC8XFXYNYXOP1FN_P%F*/LQSQ_C$JYTLC
^6D=:RERJYFE=V/,Z*]M^.PMX^50 M,@!1_P"S"O$J4),YYO1QF^U,O3I8S5W+9YV)%Z)_D4XD._LG0W2P8DPG
RM)1"VESRVBBO=_@9!#+#X8U$R1(Y%[@%E!_@6E_7^*KA M&/,['A?%V?7/.U_Y_H@F[7:5Y[X^SL8.K7:Y8W+HUUSG9G
';]XU33J<[V*E#E,:OJ M/X8?\DXT;_KF_P#Q:8T(S KF__HQJC*$JQ^YTJK:XK$:3S^Q0%,R^S[7@>YZ;?
M^)IO"^AK=6T*27$LHB3G:O!)_O^$+4_*7B5G^O(9C_PTEH1PDR(G;ZGZ;UM7_*JS.J1?-5C5XDP5W1$.%(Y?C=H1O.CN::
>+B2,\,.CKV8>QK.5T>'F4Z]6.2N&\XC>.5'5_T2(OTP^@!Z=B2N$7IJ%S8'G9S_6Q(0B+%L>ZJC+I@E&0K"T^<?9:Q/3[4L3Q>EZ2OM9Q
'7B=VRB=9N,(HJ3I7(D7S(9(8)9Y'_H5JW8<_ETTaI[MP14ALJP9SGSMYRM7>6%>SZ@D(>!=Z@#ZSB(\MH4YEK<>D1?1V"`X%2EE;2EKT8?
M^O+_ -G:O>Z\$^.__)Y.R$WE9VWYV_(TZ;_VZ7X(1;7)Z]LT,RE0XC*YK,C-X<@^'O"6G M=Z5VFI//;HRNT4<94Y8G@EP>_I6Y_P +T\,?\^K_P#
F+_XY7S[@[F>%HQ;N: M*^@7X)')G>YD8A4T#?]ZE/F9U?ZG?)6^Z3P@(@\;]]K+,5VS%^42F;-1!I!SL:VV:LN80W3^_JD9T
U8Q#8!'JF)D2JEZE87\XO?$B1>V7!"2S]RGJ(%M"*!HZO7,8[E,!8^N?8^F"^08T*3XD"BX_I^^'K\PTCR>+ATO)6+I1/.WGF,_3LW;9;
M*J\\G5M%ZQJY40%5_TH,6?%M+6,'2*F16,6%!5X<X;$58:)FTH;+J$E]1]OR^;=P$?+NKZ8E%'MS\RYQ3I$FNQ]]RUY%U%MP
M*&4SD>ZV0L>1M&9_60>!X&MM]5\P>GN$=]ES?I'PI;"*D#BHTYZF!:1^?]TQ&5FNA?/5'Y>QO0^<L=TSCZ+F$>JCH\,D8?F_A@Q;R
M@ZF\?\DVL:K_H[W\(5-@,0MR:MO<4SP:'\P)B=DMN\A:A1T(1F20Y*VVZLMU]BDDY]RL#?WF<D?\\@E86;<>BU:]A)OHIF3(XF?-X$'\
M9:=KB&7S-1^3)EHM[,'/0Q'7B6,@WK9:GJTQ7'/K/PI+RM(/?[HV`7%T7-K\16"BI[*2W[4;B2F1&D!89FDJ[.Q$P=>TY1B7JU)84B
&3$@?YG^Q;EIKSRDE#]HT;WCV]1#]R@?E2?*%:&4G8I`3@GX>-$"XW`XU&+!)=8)5^A.:V3C+S,_<@Y0D]>M]OC*9.*E2CHKJ"/V(OQF
MU84!=R&!,+E8:G?V`'>RBG4N"!QW@$.>0B:UV^\[*G8?5`P'E=.0PO`/#%_S70<HU-9)LS,M2K+0Y7N:R)K6T*?
Y6?:<$]B-/=JGH)CK_3$H`H94,HW4S5%!7U<&7JRX+.-2:?S<H]J?&$7ULUD(0UO.7=U;^FXS(;>0Q1BR:8]EUD+%#<X6.M[6?

Y#=A_P!?,?\ Z$*^ MPZ^,[>=[:YBN(\;XG#KGID'(KHM:^('BC7MRWFK3+"?^6,!\I,>A"XS^.:BK M3
MV?:I/@W>$_#F0CDVUS,N"?8/_P"S5R?_ OG4_\ H"V?_?UJYXPDI>[T-923 MCJ,^'_PEN-1DBU3Q%"\%D,-':-
P\O^]_=7VZGVKW:.-(HUCC141 %55& H'0 M 5X9_P +YU/_ * MG_W]:C_A?.I_] 6S_P"_K5&_\+YU/_H"V?\ W]:C_A?.I_\
0%L_^_K4>QF'M(FMXB^!MO+;AP)4LK8>LL^?_00:]%\& M?"/3_#EW'J.I3C4+Z,AHAMVQ1-Z@=6([$_EGFN2_X7SJ?
_0%L_\ OZU>G> _ M$]QXN\.?VI(M1\,W[WVER)%+2,8NS MN?7+R)$NZ1U1)-5U+4X+W4]0N+MXI5D D?
(&#GA>@_"OI+Q] M%KLGA6>;P[>O!=P_O&6-06E0#E02"0>XQSQCO7%*ERM*^YT1G>YI:]XETCPU
M9FYU6\2$8^2/.7D]E7J:^=_'GQ O?&=X(U5K;3(6S#;YY8_WG]6_0?F3R5S= M7%[<-<74\L\S\M)*Y9F^I/-15TPI*.O4RE-
R"K>EZ;Y]AU)]!5559W"(I9F. ,DFOH7X6?#YO#=J=7U2(#5+A<)&>L"'M_O'OZ= M/6JG-
05R8QYF=QH&C0>']!L]*MN8[:,)NQC]UXC\>=.D%YI&IA28FC>W8^A!W#\\M^1KEHOW]3>HO=/':]U^!%Y;G
M1=4LO-7[0MR)?+SR5*@9Q]0:*ITGQ(>B1=):W+E%%%*/#ESX9UB2SFRT1^:"7'$B>OU[$
M5BU@?)3A*$G&6Z"BBB@D**** "BBB@ I1@D9.!ZTE% 'T#$B1Q(D8 15 4#T M[4ZN4\&^)H-
3T^*RN)%6^A79AC_K%'0CWQU_.NKKX2M2G2FX3W/TW#UX5Z:J M0>C_ *L%>$ZPB1ZY?I'CRUN9
N/3<<5ZSXE\26^A63X=7O'4B*(')!_O'T'\ MZ\:9B[%F)+$Y)/$G"DMU=OR+>E1>;J$?'"_,?P_P#K
MXKJ*QM!B^668]*/YG^E;-=F)E>=NQ]?POAO8X!3>\VW\ME^04445S'TYY;J
M#.^I732??,K9_,U6KIO%&BRQ73W\"%H9.9 H^XW<_0US-?8X>K&I34HGYQC* M$Z-:49]W_,*]*T%G?0K,OU\O'X#@?
I7":7I5QJER(XE(C!^>0CA1_C[5Z3# MD,<,8PB*%4>PKR\UJQ:C36^Y[N0T)J4JKVM;U'T445X1]4%%%% !6;KFFC M4]-
>,#]ZGSQGW]/QK2HJX3<)*4=T9U:<:L'"6S/)""#@\&BMSQ1I_P!BU4RH MN(KCYQ[-W']?QK#K[&E452"FNI^<5Z,J-
65.6Z"BBNS^'/@J3Q?KH\]6&EVI M#W+CC=Z(#ZG]!GVJVTE=F25W8[7X.>!?N>*-2B]18QN/P,G]!^)]*]HIL4:0
MQ)%$BI&BA551@*!T %.KSYRPUX]\>_P#CQT/_ *Z3?R2M:7QHBI\+/$****[SE"BI M$MYI5W1PR.O3*J33OL=U_P
^TW_?!H AHJ;['=?\^TW_ 'P:/L=U_P ^TW_? M!H AHJ;['=?\^TW_ 'P:/L=U_P ^TW_?!H AHJ;['=?\^TW_ 'P:/L=U_P ^
MTW_?!H AHJ;['=?\^TW_ 'P:B(*D@@@C@@T)6GX;_Y&G2/^OV'_ -#%9E:? MAO\ Y&G2/^OV'_T,4GL-
;GU[1117F'8%%%% !7@GQW_Y&G3?^O+_ -G:O>Z\ M$^.__(TZ;_UY?^SM6U'XS.I\)Y51117<%/\ GIJ/_?\ 7_XFC_A27A3_
)Z:C_W_ %_^)KT>BJ]I/N+DCV/./^%) M>%/^>FH_]_U_^)K*\2_"/PUH_AC4]1@:_:VMI)(PTRXW!3C/R],UZY7)?$V
MZ%I\.M8?."\2Q#G&=SJO]:J,YMI7$XQML?+E%%%=YRG5_#OPY9>*?%::;?F8 M6YA>0F%MI!&,I
M:;:%S!;3%$,ARV,#J:^MJ^5OB)_R4+6_^OD_R%.C*3;NQ5(I+0YBNB\"Z):> M(_&5AI-\9!;3^9O,38;Y8V88.#W KG:[3X3?
\E-TC_MM_P"B7KHF[19E'='J MO_"DO"G_#TU'_O^O_Q-'_"DO"G_#TU'_O^O_Q->CT5P>TGW.KDCV/./^%)
M>%/^>FH_]_U_^)H_X4EX4_YZ:C_W_7_XFO1Z*/:3[AR1['*^%OA]HWA"^FN] M-:Z,LT?E-YT@88R#V
]*ZJBBI;;U8TDM@JAK>JQ:'HMWJYO;F:YG?[TLSEV/XFH***T("BI;:!KJZAMT(#RNJ*6Z DXYKV_0 M_@780;)=;U&2Z?J8;
<>6GT+'DC\JB4U'(5]>6'A_3-&TV6RTFQ@M(W0J=B\L<$ L>IZ]\UX9JOP8US2M)N]0:_L
M9DMHFF:.,ON8*,G&1Z"L:=2/,WW-)1=DCS:BBBNDQ"BO0/#GPGU/Q-H=OJMG MJ=@L,V?D6]Q--
%YN(=WRKD@9R!UP?RKG*M--71+5@KZ<^$]I]D^'&F9&&F\R4_B[8_ M0"OF159W"J"68X 'R972]&@A'9[
MF0R'ZX&W'YFO8/$%A_:GAW4K #)N+62)?J5('ZU\@5TT81DG2W0_PVJB+'XCYOUKDI)))I7EE=I)'8LSLI)[FFT5U));&+;>
MX445O^#_ M/XPUT:9!20$X4$ X
ZGGVH;25V)*Y@5]@Z)2/Q':N2T'PEKGB64)I>GRRIG!F(VQK]6/'X=:]BNOC3X/OH#!=Z M1J5Q$2"8Y;:%UR#D'!?
UJ5/CCX6C0(FGZLJJ, "&(#_ +^5HI5%&UB'&+=[ME[P-\+-/\+,E_?LE]J@Y5]O[N$_[/4_[1Y] *]!KS'_ (7IX8_Y\=7_ ._,
M7_QRC_A>GAC_)\=7_[\Q?\ QRL)0J2=VC52BMCTZLKQ'X?LO$^B3Z7?*?+D
MY5U^]&PZ,/&/^?'5_P#OS%_\^%WBC1;ITCT^74+?/R36BE]P]U'S _A^)K&_P"$/\3_ /0N M:O\ ^ ,O_P 37M'_
O3PQ_SXZO_ -^8O_CE'_"]/#'_ #XZO_WYB_\ CE=" MG4_E,N6'<\7_ .$/\3_]"YJ__@#+_P#$U/:^ _%=Y*(XO#VHJQ.,S0&(?
F^! M7L/_ O3PQ_SXZO_ -^8O_CE'_"]/#'_ #XZO_WYB_\ CE'/4_E#EAW%^'/P MN_X1JX75]8>.;4@"
(HDY2#/4Y[MCCT'/7K7IMA^*-;BTJRM=1CGE5 MF5IXT"_*"3DAR>WI7<5S3YK^\;1M;0****@H****
"BBF3316\+33RI%$HRS MNP4 >Y- &-XJ\-6_B?1WM)<).OS03$?<;_]#7SU?65QIU]-9W<1BGA8JZ'L M?*]?\0?%;3K'?!I$?
VZ<<>:V5B4_P V_#]Z\HUG6KW7M0:^OY%>8@+\J!0 M .@X_K64['SF93H3DG!WE^!GT445!Y 4444 %%%% !1110
H)4@@D$<@BM%? M$.LK'Y8U2\"@8QYS?XUFT5,H1E\2N7&I.'PMKT8YY'E=GD=G=CDLQR33:*D@ MB,UQ'$/XF
IZ)!",JDU%:MNWWG2Z;%Y-A$OI\LM,JNC(PRK#!'J*\KN[&?#MGX7T*WTNS'RQC, MDA&#(YZL?
K^@P*^1JZ_P]\2_$WAW9'%>F[M5_P"7>[RZX]C]X?@<>U>G5A*2 MT/GX24=SZAHKS7P]\:-
U39#JB2:9<'C<_SQ$_[PY'X@#WKT6VNK>\MTN+6> M*>%QE9(G#*WT(XKCE%QW.A-/8EHHHHJ1A1110 4444 %%%%
!1110 5X]\>_^ M/'0_^NDW\DKV&O'OCW_QXZ'_ -=)OY)6M+XT9U?@9,%%%%=YRGT3\$O^1#D_
MZ_9/_04KT>O./@E_R(=4^-G7#X4%%%%04%%%% !1110 5 M\A>)/^1IU?\ Z_9O_0S7U[7R%XD_Y&G5_P#K]F_J_]#-
=.'W9C5V1F5I^&_P#D M:=(_Z_8?_0Q696GX;_Y&G2/^OV'_ -#%=3V,5N?7M%%%%>8=@4444 %>"?'?_ M)&G3?\
KR_]G:O>Z^=OC;L/!/B74[**]LM'N9[:4$I(@&&&<>OJ*L_*[\7_\ 0 O/^^1_C4\R M[CLSF**Z?_A7?B__ *
%Y_WR/\:/^%=^+_\ H 7G_?(_QHYH]PLSF**Z?_A7 M?B__ * %Y_WR/\:/^%=^+_\ H 7G_?(_QHYH]PLSF**Z?_A7?B__ *
%Y_WR M/\:/^%=^+_\ H 7G_?(_QHYH]PLSF**W=1\&>(])L9+Z_P!(N;>VBQOE<#"Y M([^I
K"III["M8*ZWX8_P#)1]&_ZZ/_ .@-7)5UOPQ_Y*/HW_71_P#T!J4_ MA8X[H^HZ***\T[HHHH **** "O+?
CGJ8M_"]EIRMB2[N=Y'JB#G]66O4J^; M/B[KPUGQM-;Q/NM]/7[,N#P7!RY_X_X#6U&-YF=1VB<%1117<NJ?
PLQCNCZ&]0/C_6K#3]/N;AA=,ZI!$S[5?YQT'3#"M32?@YXKU':US#! MI\9YS<2 MC_=7)_/%?2&
,\=:*W]O*UD9>R5SY,\7^'#X4\13:0;K[28D1C* M$V9+*#TR?6L*NZ^,'_)1[[_KG#_Z+%<+77!WBFS"2LR[H_\ R&
[#_KYC_P#0 MA7V'7QYH_P#R&[#_ *^8_P#T(5)AUS8C=&U+J%-=%EC:-U#(P*LIZ$&G45S& MQ\B>)M&?
P_XDU#2W!_T>8JA/=#RI_%2#657M?QP\,%TMO$EM']P"WNL>F?D;
M\R5_%:\4KT82YHW.22L['K7P2\4"SU*X\/7,@$5V?.M\GI*!R/Q4?^.^]>[5 M\9V]Q+:W,5Q;R-'-$X>-U."K Y!%?
4/@+QG;^,=#6;*IJ$ "W4([-_> _NG_M !':N>O"SYD:TY=#JZ9++'!"\LKJD:*69F. H'))I]>+?%KXAJZS>&=(E#*?
MEO9U/_D-2/\ Q[\O6L81%X[9') M]R:P***]!*RL2WT*UZ57%6ES2.FFK(****Q- KY5UCPMJDOC#5
MM.TW3KFZ\F[D4>3$6 7<2N<<#@BOJJBM*=3D(E'F/G?2/@KXEOMKWSVVG1GJ M)'\Q_P#OE>/S(KA-9T\:3KFH:<)/-
%I9MQNV,5SCMG%?8=?)/C#_)'; M7_\ L(W'_HQJZ*51S;N93BHK0Q:]'^"7_(^/_P!>4G_H2UYQ7H_P2_Y'Q_\
MKRD_]"6M:GP,F'Q'Q(^B:\^/?_'CH?_72_72;^25[#7D/QWAEELM$\N-WQ)-G:I. M.%KCI?&CHG\+/#:*F^QW7_/M-_
_WP:/L=U_S[3?\?!KO.4AHJ;['=?\ /M-_ MWP:::]O/&NZ2&1%]64@4 1T444 %%%%2);SR+NCAD=?55)%.^QW7_/M-_WP: (:
M*F^QW7_/M-_WP:/L=U_S[3?]\&@#M/@_]__P E'L?^N<-?<-?2-<5?XCHI;!114-U=V]C;M<74\<$*?>>1@H'XFL1N
MVK)JBN+F"S'S@>>YFCAA099Y&"J/J37G>O_%FTMBT&B6_VJ0<>?*"L8^@ZG]*\ MQUC7]4UZ?
S=1O))L'*H3A%^BC@5#FD>97S*E3TA[S_]2U_XL6%H&AT:$WDW M3SI 5C'X=6_3ZUY?K/B+5=?
G\S4;QY0#E8^B+]%'']:RZ*SG M;H%%%%(Y0HHHH **** "BBB@ HHHH **** "M+1(M]Z7(XC7/XGC_&LVNAT. M+9:-
(>LC?H/\FL,1+EIL]_AW#>WS&%]H^]]VWXV-.BBBO*/U**** "BBB@ MHHHHH **** "BBB@ HHHH *X'Q;;^3K9D
XFC5_QZ?TKOJY/QM#\EI,!T+(3^ M1'\C7H9=/EQ"7>Z/'SFGSX1OLT_T_4Y"BBBOJ#X8*TM'\0:OH%QYVE:A/:OG M)"-\K?
53P?Q%9M%#5P/9/#WQSE39#XAT\2#H;FTX/XH>#^!'TKU30_%6A^)(MM^E:C#.V,M%G;(OU4\BOD>GQ2R02K+%
(T_P#C MQT/_ *Z3?R2O8:\>^/?_ !XZ'_UTF_DM:TOC1%3X6>(4445WG*?1/P(_Y$.3_ M_K]D_P#@*04KT>O,O@?"[FW613-
%>,73/*AE7!^AP?R->FUY]3XV=)/\ D:=7_P"OV_ X>U\A>)/\ D:=7_P"OV'_T M,UTX?=F5V?.-/\ D:=7_P"OV_\ D$->U\A>)/\ D:=7_P"OV_\ Z9/_0#=*?!
_0Q696GX;_Y&G2/^OV'_P!#%=3V,5N? M7M%%%%>8=@4444 %?*7CW4QJ_CK6CK6+M6W)]H,:$="J?("/J%S7TCXPUU/#?

```
A34 M-3+ 21QE80>\C<+^IS] :^3"2Q))))Y)-=6'CNS&J^@E%%7='TZ35]9LM.BS MONITB!';<0,_AUKJ,#ZD\$6ILO
^B0,,,+.-B/0LNX_SK?IL<:11)'&H5$4* MH'8#I3J\QN[N=B"BBBD,**** "BBB@#B_BS_ ,DRU?\ [8_^CDKYCKZ5^,%W
M';_#F]B<@-:=@4444 %%%R MB2Z89AM(S\[_ /Q(]S^IXII-NR$W;^+8?"/AN6Z#*;V8&.TC/5G_ +V/ M1>I_
=Z^67=Y9&DD8L[$LS$Y))[UK>)O$VH^*M7DU#4),L>(XE^Y$O95'^1;;_4 &PPYCBZJOL3U/X>E.I/EB$(W9Z*JJBA5 50,
8 %+117GG4%?*W MQ$_Y*%K?_7R?Y"OJFOE;XB?\E"UO_KY/\A71A_B9E5V.8KM/A-_R4W2/^VW_ M *)>N+KM/A-
_R4W2/^VW_HEZZI_"S&.Z/IRBBBO-.LXKXM*&^&>K$C)4PD>Q
M\Y!_6OF2OI3XPS"+X;+$@'K\X;'_COZ5\UUVT/A.>KN%?8>C_\@2P_MZ]H__017QY7V+I<;1:39QM]Y($4_4**G$;
(=+J6Z***Y#<**** /FGXP?\E' MOO\ KG#_.BQ7"UW/Q>=6^)&H!3DJD(/L?+4_P!:X:O1A\*.26[+NC_\ANP_
MZ^8__0A7V'7QYH__"&[#_KYC_\ 0A7V'7/B-T:TNH4445S&Q6U"PMM4T^XL
M;N,26]Q&8Y%/<&OE3Q9X9NO">OSZ;NQG./,CY7K2T'7M0\-ZM%J6FS&.
M:/@@\JZ]U8=P:@U/3+S1]1FL+^!H+F%MKHW\QZ@]C52NW1HYMCV?Q-\9XKSP
MK'#HLQ[=>#7C))8DDDD\DFDHI1@H[%.3>X5V'PZ\ M&R>+O$"K,C#3;8A[I^F1V0'U/\LUD>&?
#.H>*M8CT_3X\D\R2D?+$G=F/^Y_^M6=6IRJRW*A"[N:B(L:*B*%10 JJ M, #T%.HHKA.D**** "BBB@ KY)\8?\CMK_\
V$;C_P!&-7UM7R-XJE6?QAK< MJ?=>_G8?0R,:ZC_!+_D?'_Z\I\/\ MT):Z*GP,RA\2/HFBBBO..L**** "O/OC-
_R3V7_KYB_F:]!KS[XS?\D]E_Z^ M8OYFKI_$B9?"SYPHHHHKT3D/H_P"#/_)/8O\ KYE_F*]!KS[X,_\ )/8O^OF7
M^8KT&O.[ M8+#S?>^\Y$Y*Y&2^\>E^Z?>+#,-$:\7-/5?7/C^'(^@0OF7/!.YL7>% M?!"*!_VJ+=:M(!V/Z.=#(!/IV$Q/^LP_A0GTN?!/(5VH&O,*J1%A_9BT)RH@]M6\_:"-;1D8K3:S(5L?)
MT_M@UE&_TPY&,7L3*5Z7YQ@X!ST[GGTA2WVR1@%6VS2SU2Y(<GKCR60)Z.)R.=#$L=<JPCEZ[^AUQ58@S)%4&M6B^,.>IN;.>XM;@*O/N/NU9(D9B2]*AEB2/O`H)_N[OE*F-[8S7;24KNK_\@:V8<XO<(TP3/P*W@(7K!Z^2#6D6$^1(2
M.:2#Y^P,U8XZF]"V5!\0:M9O]'@^@"\:(:^Y.J0K_\=\;ZI9]"RRQN[YDNG&NQ^'2YX0ISDXH=:IVQ8K?Y]&Z4JP`VB*NM*YT9QV-?@L9$:&D7^<7:07D[*D4M<J^(HPGVGAS
M=QIG%9RVQ*9;/2\\HQ*T:+#?Z1Y@+4M.G0^Z&VJ.LLO@L@"X*&^:.+`FE7:6K?@A#:I5+UU*;Q1%5\2OW9JKD*&#D^(9V5F8KV0)BQP^(P30`%XO;&L"P8T4=J8O9[L
M'%/CNS3O-1(YD*H*IL''.\L^K*MFRN)\6E'$+`7IOB]X)+U&09IQ;D-U"AF02)`-M^"@C-IMFQ:QNR%GRKP.=@\P2/4M_<9)1ZB^Q4J%%(Q64=5WNTS7*6$]&!D&5E,9K>!2J+2_6JD8RUL%B7EBRHG7\,FUVC?=.#X\GQ`Z%)%(2S&M0^
M3QTQ`6]F7H`3?2Y&RA!=I7.>:\7&3OU_BTX%0YDTXS`@Y7U!OH'J]A*W]L5,C%]9T\KR@J`7*\7P]ZHJL!!XKT2CG=%K7N5P8Z@N`FQHGLEA4X;-Z&^,CJE]*ILW"UGTEO@J9ZIQ4!&.<=.P3>2FA@\7O:>!
```

2NB\->&+G7[G<"6VG>&:-HY4.UD88(->[V5C;:=:):VD0BA0< M*/YGU-9/B/PM::_%O.(;M1A)@.OLWJ*\.GG"=5J:M'IW7J?
15:W[_M/T_K4\:HJ_JNCWVC71@O82A_A<-?'5QXGF^S6X>#3$ M;*QD_-(?[S?
T':N/K[G*,H^KVK5E[_1=O^#^1Y&*Q7/[D-OS"NI\'>+M6T"^ MCMK17N[:9PILR?O$_P!WT/\ DURU>S?
#CP2=+A76=2BQ>R+^YB8Y'|X_ MH/J:]#-*]"CAW[97OLN[_KJ88>$Y37)H>AH2R*S*5)&2I[>U+117YJ>^%%%% M
!7S7XFU/^V/$NH7X.Y)9CL/^P.%_0"OLC1?"5Y,K[9YE\B'GGG7:6.I6UU);17212!V@F&4D /*GV-?
8<.8=J,Z[ZZ+\W^AY>/GJH$^ MDZ!JVNS^3I>GW%TP."8TRJ_5N@_$UZ7H/P,OI]LNNWZ6J'DP6WSO]"Q^4'Z;
MJ]@\.:AIFJ:!:7FD)''92IE(XU"A#W7 X!!X_"M2OH95Y;+0Y(TUU.:T'P#X M;\.;7L=-C:X7D7$_[R3/J">GX8KI:**P;;W-
$K;!1112&%%%% !1110 4444 M %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M4444
%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1 M110 4444 %%%% !1110 4444 %%%% !1110
4444 %%%% !1110 4444 %%% M% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M %%%%
!1110 4444 %%%% !1110 4444 %%%% !1110 445Y_P#$[Q\OA;3? ML%A(IU>Y7Y<'_4)_?/OZ?GVYJ,7)V0F[*[.
<^+GQ!\E9?#6D3'S#\M[,A^Z/ M^>8/KZ_EZX\2I7=I'9W8LS')8G))]:2N^$%%61RRES.X44459(4444 *"5.5
M)!'<5ZO\/?'L @AT35#'"R_+;SXPK?[+>A]^_?GKY/17'C,'3Q=/V=3Y/L:4 MJCI2YHGU517BO@[XDW&D".PU??
<6(^5)>LD0_P#9E]NH_2O8K*^M=2M$NK*> M.>!QE70Y!_\ K^U?GV-R^M@Y6FM.CZ/^NQ[E&O"JKK<6\LK;4+9K>
[@2:)NJ MN/\ .#[UY_K7PZEC+3:1+YB=?(E.&'T;H?QQ]:]'HK'#XNK0?N/3MT,<5@:& M*5JBU[]3P*ZL[FQF,-U!)#
(/X74@U#7OMS:6U[$8KJ".:/\ NR*&'ZUS=[\/ MM$NB6A6:U;_ID^1^39_3%>Y2SBF]*BMZ:GS=?(*L7>E)->>C_P
CR:BO09OA MB[_M#_D'6W_7%?Y"N-MOAG:(0;K4)I?:- G\\UYAK_B?6KZYGLIM0F^RQ.T2PH=B M[0< $#&>G?
-83HQS22A1E91W;3Z]CV,MH5L^(_B+H^A*\,$@ MOKP=(H6!53_M-T'T&37COB#Q-J?B6[\Z_FRBG]W"G"1_0?
U/-8]%>]@LKH83 M6*O+N_T['36Q$ZNCV"BI(();F=(((GEE<[51%R6/H!7L'@GX;IIICU+6D26\
M'S1V_58O=O5OT'OVVQN.I82'-4>O1=7_%W)I4957:)3^'WP^\ORM9UF'Y^& MM[9QT]'8>OH*]2HHK\
[QF,J8NHZE1^B['N4J4:<>6(4445R&H445S_C'Q$GA MKP_-= @W,G[NW0]W/?Z#K_\
KK2E2E5FJ<%JR9244Y,\R^*>OC4M?7387S;V M&5;'1I3][\N!]G],^>J3,+3P=H;7 MKZC/?WTS37,
[%W=NY_H/:M'Q5XFO?%FN2ZE>':#\L,(.5B3LH_J>YS6)7?3I M\B\SEG+F84445J0%%%% !1110 4444 %:FB>
(=3\/77GZ=4?ZC_) MK+HJ)PC4BXS5TQIN+NCVWP[\4=*U-5AU0#3[G@;F.8F/LW\/X_F:[N.1)8UD
MC=71AE64Y!'L:^5ZU-)\1ZOH;9TZ_EA7.3'G*'ZJ>*^9Q?#T)OFP\N7R>W^:
M_$]"ECFM)JY]+45Y'IGQAN8PJ:IIL&+H#S+F:U M8]IH3_-'K+1P?W/_ "->>/=&M7S!JG_(6O?^N[_^A&O?+GQY
MX7M02^L0-[1!I/\ T$&N)A^$UU?WTMW>ZE###-(T@6%"[%%2O7-&\ >'M%*R1V?VVB=>DUR=Y!]AT'X"NGK?
%\1:5M(TR7-A&W[V53Q,P[#_9'ZGZ"O/:^YR3++[>JO>>R[++--_MD>/B\1SODCL%%%%?2' %6],U*ZTC4[?4W*4QW-
NX=&'KZ'V/0CT-5** /K3P MEXFM?%GA^##4[;"N1MFBSS(.J_U'L16Y7R]_&X^IW'\:UI0YI:D3E9&/>>)-;OYVGNM
M6O99&.26G;CZ#.!^%=%X/^)6M>>&]0B%S=SWNFE@)8)G+D+ZH3T(].AKB:*[7 M%-6L?*/*[[6G=7"BBBI&%
<7XR^)6D>$2;;!O=2QG[-$V- MGIO;^'ZN7;[[C6=0E;.B31J> M\[I$1^#$$'*ZK0B8J8X^ DC4+L$G)_?-
S^M68/$^OVN/(US4HL=DNG_MG72GX0>,P"1IT1]A,[DR))G\6!-
>Q?"SQGJGB^SU%M4%OOM7C5&B0J3N#9SSCMVQ7@EWX8 MU^Q!-UHNH0J/XGMG_/&*]:^
JE;/758$$2P@@]N'K*K&/+=%P;YK,]AKPGX MTZMJ5AXQM(K/4+NWC.GHQ2&9D!/F2I%=CY5N_\ C^T/_KG-_-
:\>KOI)W=_P"# MKN6\NIKB0:@ZAYI"Y \N/C)[$(]EY*9KQAE+2'!Y_#-9WQ*\=KX0TE8+0JVJW0(A M!Y\I>[D?H!W/T-?-
MS21BS,?4DU=.ES:O8B<[:(]!UKX MS^)=1=EL/)TV G@1*'?NS?T KD+KQ3X@OF)N=;'7/9KE\?EG%%9 !)P!DFN
MOTGX8^+=7B6:+2G@A89#W++"+/X'YOTKJM")C>4CG/[7U/.?[1N\GC/G-_C6A M9>,O$NF.IMM=U!
O16G9E_[Y)
(_2NJ;X)^ I(;3V(["<_^.USFN>!/$OAZ M)IM0TN5;=>LT1$B >I*YQ^.*%+G'D)\'TD>TD2/
+$HCE'OQ\ MI^F!]:]D\.^*-)\4V/VK2KH2@?ZR-N)(SZ,O;Z]#VKY'K1T37-0\/:I%J&FS MM#.AYQT=>ZL.X-9SHI[%1J-
;GU_16%X2\3VGBW0(=2M1L8_)-"3DQ2#JO]0? M0BMVN-JSLSI3N>*_&[5-0T_6=*2RO[JV5K=BPAF9 3N[X->6?\))KO\
T&M1 M_P# I_\ &O2/CS_R&](_Z]G_/0J\DKNI)@UYQ\$O\ D0Y/^OV3_P!!2O1ZXZGQLZ(?"@HHHJ"@HHHH M
\A^.6I7VG_V#]BO;FVW_:-_DRLF['EXS@\]3^=>0?\ "2:[_P!!K4?_*?? M_&O5?2C]_S++W_&_^TJ\7KNI)-/\ X237?^@UJ/\
X%/_(T?\))K MO_0_U:U'_P*??\ QJ?1?1?1?">N^(H99M)TJ[J.)@KLK*,$,T_A6/C/_H!!3?\ M?R/_V /JVXHFTC'3Q/X@@C;DD)"?]]=*/1
MZ'H7QRU.W=W8];L8N+O+!^[D'OC[OI_#OBG1_2O7J[67:*G|3?DD3?>+#QX?D%_ FG*Z_HBF==8Ql:9(%DL;B_gC^i:0
.lll
,B''U^Q_\ MH+U\[5V4$N0PJ/WCV#X*:KJ-_P")=0CO+^ZN46SW!9IF< [UYP37N%>"? C_M)&G4O\ KR_]G6O>ZPK?
&:4_A/G+XHZWJUI\1M5@MM4O885\G;'%<.JC,*$X M /K7'_\ "2:[_P!!K4?_*?? M_&NA^+/_"4W5_\
MC_Z)2N+KK@ERHPDW=GT M1*/'1\0Z9M9.HS;M3M$^5V.3/&. WNPZ\#ZUZ17M7QJI7E.CH7]WI12JEZSYGPQNQVBYL3YWE M7WFHMZDSE.OPSSC/H0TAD4AMQ.QBZUQN
MWWHW;W!]01D$>AKZJ*^)+3HQ5H$$H5K&=GUA]IW-?7>S7C/7/G:JK9.IM A2TZD2XMTOZIMD4HSU6M6CDF ZBVS6Y@MXI2
]I]GHQLKRXMB\DH8PRLF[7K@\UXU_PDFN_]!K4?__I_M_P#&O7/CW_QXZ UTF DE>(5W44N1'4A45RJ0?
O'O'P/U&^U"SUDWMY<7)22(*9I6 M?;D-TR>*]8KQ[X"?\>.N?2=ZJ/7GL-Z?CK?C/QA:^#=#:\E ENI24MH"?
OOZG_9'?\/6OF/6-9O]>U*7M4-2N'GN)#R6Z*/0#L!Z55.ES:084Y\NAZ7KOQSUBVDkN@TN/WDAL]\#
MY1/FKB+[Q]XLU!B9]?OAG]J(9/*!_!_!"N M-)DW'25C'8/HE^$GC2)W7^.[36'=+*%5B4*QB.1!\VE+[!!)WKKRHDCO08FBLB66@J]%1>9%8>8[U/%lS2DDLXV4Flp]
&\;CJKJ0?R-'+@+"07DCZC^'_BFY\7^&CJ5W;Q0RK.T16+ M.TX .>?K755TlJk\OQl%ls+RCfa%D_ P"ULMdmdy
[L%102S,< # MU->3^*_C7:6$SVGAZW2]D4X-U*2(L_[('+?7('UK,^-'C*;[4/#%E*4B50]X MRGEB>53Z 8)]B6Q\D#V^7!_
M,UAOK6JRL6DU.]+[7_6:!=M_P!<@)/_ $$F MCF@^P6DC0LOBWXQL\!M22Y4?PSP?(?)U_ !_6OH3PUJ4VL>&=-
U*X5%FN;=)7$8 M(4$C)QDGBOE&[TC4]/S]MTZ[ML=?.@9A?*HO_O(AZ%UY1?\ H(K"O&$O&*2 M:-
;;=]3H:***Y38BN;B&TXE6*&)2[NYP% ZDU\S_!$\;=8VVVDVD:*&Y.,;!+%YPBLWX^7-2+8HGOO/Y5SS/B>X+(ZCI
M*L4\Z+L9C@@E&/!!]*C'M:YYX+0Q6ZGAP9C3A?_!P9GJ>RW@%.U0[+6;KPV8ZA2ZEUS&5X^:62!&AHH$+14U[2KG6%MGH46K|EHCO0
M\=\ZV;7X"1#F!\0.W^S%%A:?U+8%D4ZJ3+22E\XNM9Y$MO@D7N3\S3\-FE5]A8(/"V@Z9[7R$>Z=%8_4&Q;H\^[0@#
MW!E51^BY_6MFU^%Q9Z3/&ZF\ZQZIZ4Y+MGM\6H&ZJ(Q9*O6>M2#U0HI5F97,3Q:Q+;JO/9RN/!!6VW5XDZ>,J?[:F=J
9]!TY"/XOLR%OS(SVK6A@AMTV0Q)&G]U% 'Z5++Q"Z(?2LO,^ M2K;PIXXAO.;;1?9&%A*GVP4&SVOK4/ZDQ
Q9J7]C^$M5OP<-#;.4/^V1 MA?U(KY'K2G-SU(G'E"BBBM2 HHHH **** "BBB@ HHHH *^I;7_CTA_ZYK_ * MOEJOJ6U_X]
(?^N:_RKY+B7:E_T/3R>>7R):***^//4"BBB@ HHJGJ>JV.C 6C
M37>H7*00KW8\D^@'4GV%5&+DU&*NV)M)M79;9E12S$!0,DD\5Y!X\^(GVX2Z M1HLA%%J?
EFN5/,QJJ_P"SZGO].3XBW6=F'SWE_G;SMBW*&C.WSF:U=MS%OWAD!Y&L=DUSZ:@V M5]WhPXV^AVUr@[Z
MGE>2^R:K8A>]T7;U_R/*O.+YO=AMW"BBBOJ#S@@HHHH ****, "O:0\O@WXXW*/
M"^HR,,M8R,>HZF/^H_$>E>*U)!/++W$<\$C1S1,'1U."K!Y!%1ERN MY]F45RGP_P#&\O@@RL=ENPKM(7
<8;LP'W7KVQKJZ\]IIV]RTWWIX9UVHHHHI# M"BBB@ HHHH **** "BBB@ HHHH *****
MBSH+XZXO_FWC%YFW)0NW_E<9[A65F?FA3FKC3^@V8EKSE:W^A]C@BEQU7^M9(&+1G@#,Q"BNUVBUCTZO]>2[EFM[*%
(U+S:"4;1 M3#X6>)(/[!\;VHD7=2S=W#[?#=Y8Y;"^HMTM2TS)IJQ5ZH#8{JYK/.8-Dl47p/2T6:f2j)7!2n/JAWz&
ZZ+PWYXS]"*SKQ^T72?0Z&BBBN4V/"?CST_'C29&72M8128UW6TIQT)^9?_&:O%J[Z7P(Y9_$>-MZ__0+)=&N->>-
)+UYFAC<\F-!G'H22<^V*];KY@\"?$"]\%7$D8B%UI\[! MI;Y:#\2?"^OA%AU%+:X;_EA=_NVSZ G@_@37/5A+FN:P
MDK6.MHI 0P!!!Y!%+6!J%%(%4,6)ZG'6EHH *^??CI_CM9?]@Y/_$9) M7T%7S[\=\/^1VLO\ "94OB/0:***XCI"BBB@ HHHH ****/D_P P=?
L')_Z,DK:A\9G4^$\QKZ/^*#/_OF7^8KYPKZ/^*#/_ M_)/8O^/O^8K>O\"94OB/0:***XCI"BBB@ HHHH ****/D_P_=?

\CYKO\ MU^R_^A&N?KH/'7_(^:[_-?LO_H1KGZ]*.R.-[GU[X;_.16TC_KRA_] %:= M9GAO_D5M(_Z\H?\ T
5IUYSW.M;!1112&>(?'O\ X_M#_P"N_]A%__$7'72_$C4#IOP^UB=6P[P^2/^!D(?T8URS5 MZC1O%VC<^CKK7CW3H95
MW0P,;B08R,(,C/MNVC\:[7:*.;=GK?PV^'%MX>L8=4U.%9=7E4. ZY%L#V'^ MUZG\![^CT45Y\I.3NSK225D%!
(P1D&BBI&>(_%?X(M%@$40/^EVR M#"KG^-1V&>H_'UKQVOLJ[M8;ZSGM+A \,\;1R*>ZD8(_*OD#5+%]+U:\L).7
MMIWA8^I5B/Z5VT9MJS.>I&SNCMOA!XC?1_&$=A(^+34AY+ G@2?P'ZY^7_@5 M?1]?&EM<26EW#CUYQ\$O\
D0Y/^OV3_P!!2O1ZXJGQLZ(?"@HHHJ"@HHHH \7^ M/W_,O?\ ;S_[2KQ>O:/C]_S+W_;S_P"TJ\7KOH_CEJ?$>Z_;_D":O_-
?* M?^@UZW7DGP&_Y FK_P#7RG_H->MUR5?C9O#X4%(RAE*L 01@@]Z6BLRSRCXB M?"JSO;*?
5O#]L(+V,%Y+6(828#KM7LWTZ^F:\&K[0KY=^)FB)H7CJ_@A0);S MD7,2CH_)'T#;A^%==";?NLPJ1MJC/\
!OB.7PMXGM-21F\D-LN$'\<1^\/Z MCW KZP1UEC61&#(P#*PZ$&OC&OJ3X::DVJ?#[2)G;,D<1@;_(2H_0_C2Q
M$=I!2?0Q/C;_,B''_U^Q_\ H+U\[5]$_&W_)$./_K]C_\ 07KYVJZ'P$U/ MB/5?@1_R-.I?]>7_
+.M>]UX)\"/^1IU+_KR_P#9UKWNL*WQFM/X3YC^+/\ MR4W5_P#MC_Z)2N+KM/BS_P E-U?_
+8_^B4KBZ[(?"C"6["NP^'?C.3PAKZO M*S'3;DA+I!S@=G]1_+(KG+_$J[TV*TEN(RL5W")X''1U/'Y@@@BJ5-I25A
M)M,^S8I8YX4FB=7CD4,CJ00:?7B_P;\<<+X7U&7U-C(Q_$QY_4?B/2O: M*\^<7%V9U1E=7/'OCW_QXZ'_-
=)OY)7B%>W_'O_(\=#_ZZ3?R2O$*[*/P(MYZGQ'M_P$_X\=<_ZZ0_R>O8:\>^ G_'CKG_72'^3UZ5XIU$Z3X4U6_0D20VL
MC(1_>VG;^N*Y:JO-HWA\)\Z?$GQ*_B3QC=R+(6L[5C;VP[;5/+?B<>8!_<'S-_XZ#7:K11S;L])^&?PNM[VSAUWQ!#YD
M4HWVUHW0KV=_4'L.F.3UKVJ**.")8H8TCC485$7]@*E'9'&]SZT\):!9>'?#EI964 M:K^[5Y9
.97(&6)_S@<5N5X3X'^,1TJR@TO7X9)H(@$BNXN751T#*?O8]1S[
M&O7]'\4Z'K\8;2]3M[@G_EF'PX^J'##\JX9PDGJ=,9)K0UZ***S+"D5510J@ M!1P !P*6B@ HHHH **** "BBB@ HHHH ****
/-OC;J7V3P3'9*WS7MRJ$>J MK\Q_4+7SQ7JWQUU+S_$6G::IRMK;F1O9G/\ @@_.O*:[Z*M Y:CO(****U(" MBBB@ HHHH
**** "BBB@ KZEM?\ CTA_ZYK_"KY:KZEM?\ CTA_ZYK_"KY M+B7:E_T/3R_>7R):*AN;RVLX_,NKB&!/[TKA1^9KG-1^(?
AG3@0=16Y%IIY4BB499W8* /J^(OBMI]B'@T9/MMQT\ULB)?ZM^@]Z\HU;6M0U MR\-UJ-
R\\G;/"J/0#H!5"BOJ\'EV'PB_=K7N]_Z]#S:M>=7XGH%=XWPA\4O9 M0W=G':7L,T:RIY,X!*L,C[^VN#KZD^&E_P#VA\/-
'D)RT<)@.>VQB@_0"NNK M-Q5T1"*D[,^>-+[P5XFTW)NM"OU4=76$NH_%#]0),FB0Q,>]NS18_!2!
M^ES%9%'X8!_6M%7CU)=*1X#17K-]\"-6BR;#6+.XQT$ MR-$3^6ZN:OOA3XQL+[EQ"#_K(SU'U[CW%?5&GW]MJ
MFGP7UG*);:= \;CN#7QQ7K'P8\82VFJ#PUV/7RY "2/H0/S^IKGK M0NN9&M.5G8]XHHHKC.@**** "BBB@ HHHH
*IZMJ4&CZ1=ZE:21,G97/$-1O MI]3U*YO[EMTUQ*TKGW)S5KP[I$FO>(K#2X\YN9E1B/X5ZL?P)_"LRO4?@M! MIMMJ]
[K&HWUI;F",0P+/,J$LWWF)[_8_P"!5WS?+&Z.:*NSWR&&.W@CAA0) M%&H1%'0 #_%>:?
&S0OM_A:'58DS+I\GSD#GRWP#^1V_K7=_\))H7_0:T[_P* M3_&JNI:KXM__WQ!]F MU6\T&9\1W2^? "?^6BCY@/JO/_
*\JO+QO8-1L+>]MFW07$ M:RQMZJPR*L5YQUE#6M'L]?TBXTR_CWV\Z[6QU4]F'H0>17S5XQ^'^K^$+EFF MC-
QIY;$=Y&ORGT##^$_7\,U]24V2-)8VCD171AAE89!'H16D*C@1*"D?&-%? M1GB#X.>'-79IK'?I=P?^>-W1D_[AZ?
@17FVK_!GQ1IVY[1+?48ASF"3:V/=6 MQ^A-=<:L68.$DKY]^.G_".UE_V# MD_\ 1DE?
05?/OQT_Y':R_P"P(=;TVW%O8ZQJ%K " M2(X+ET7)ZG .*S:W])\$^(]=L1>Z9IK_P#@=+_\51_PF'B?_H8]7_\ Z7_
.*K3_X5CXS_.@%-_W\C_\ MBJ/^%8^,_P#H!3?]_(_(JIO#R':1F?\)AXG_Z&/5__.E_P#BJT= \6>(MYO$>EQ2^(-5DC>
[B5D:\D(8%QD$9Y%._X5CXS_Z 4W_?R/\ ^*K0T/X<>+K7
MQ!IMQ/HLJ11743NQD3A0X)/WO2DW"W0:4CZ3HHHKSSJ"BBB@#Y/\=?\ (^:[M_P!?LO\ Z$:Y^N@\=?\ (^:[_P!?LO\
Z$:Y^O2CLCC>YNP^-?$]O#'##KVH M)%&H1$6=@% & !3_/A.O%?_$,.H_\ @0U7[;X7>,KRUAN8-'WPS(LD;?:8
M1E2,@X+YZ5+_,*F\;_]_3_R:A_^+J;P\AVD9?\ PG7BO_H8=1_\"&H_X3KQ M7_T,.H_^!#5J?*F\;_]_3_R:A_^+H_X5-
XW_P"@)_Y-0_\ Q=%Z?D.TCFM3 MUO5-::M3O[B[:($(9I"VW/7&?I5"MC7_"NM>&'@36++[,TX)C'FH^X#&?ND
MXZBL>K5K:$N_4^@O@7_R) [_-A%_P#T7'5KXTRF/P 5'22[B4_4_TJK\"_M^1)O?^PB_P#Z+CJY\:(?-^'TC_NKF)^/Q7_
-FKC?\ %^9O]@^<:]2^!4:G MQ;J$A'S+8D#\73_"O+:]0^!>=04444 %?+/Q(A6#XB:TB]#/O_%E!/ZFOJ:OE;XB7 N?
B#K<@((%R8^/] MD!?Z5T8?XF95=CF*^MO!\OG>"M"DW;B;"#)]]@!_6ODFOKCPG$8/!VB1, &2 MP@!]?+7-7B-
D32W9Y%\>?\ D-Z1_P!>S_\ H5>25ZW\>?\ D-Z1_P!>S_\ MH5>25K2^!$3^)GT3\$O^1#D_Z_9/_04KT>O./@E_R(+_
!^_YE[_+>?_:5>+U[1\?O^9>_[>?\ VE7B]=]' MX$>T*'Z!R1_P"A&O>:\#^.UR'\4Z=; @F*SWG';<[?
M_$UM1^,SJ?">5U]$?!&7S/ DJY)\N]D7'I\J^M?.]?1?4:WK[I_\ 9:WK_9_K_94_B&_&W_D0X_^OV/_ MD0X_^O%/_
!>OG:OHGXV_P#(AQ_]?L?_ M?.U%#>X(TZE_UY?^SK7O=_8O=_]'7\SK7O-ZGS'?\ JGX5?6GN?B+BR6G
^2FZO_P!L?_1]B3G\6?^2FZ/_]!:1B3G\<WI_P#!Y4_ ^3P:R8?8?>#Y,O
[JUGL;N:UNHFBGA);OPIK\&IVN6"G;-%G EC/53_3T(%:U(7\4UC\!\OUZ%\&(!+\08W(&8;:5Q^0 M7_V:O/:
[WX.W2V_Q$M8V;'VB&6(>YV[O_9:ZJGPLQC\2/I.BBBO..L*^??SSS+_\8T5T>SAV,>>7<]B\-
_&+Q#K'B;3=-N+/2UANK MA(G:.*0, 3@XRY&?PKVZOD_P+_R/FA?]?L7_\ M@.#QGIR-
$Z0:G;@^1,PX8=T;V]^WXG/SEK&B:EH);3KV<<,/53T(] MQ7V!5+5+/6-OKH~~ K34K.&Z@]Z@@\,BYQ[@]@0?
<4J=5QT>P2@I:GQY2JS(P92OP.0 M0>0:]RUWX%V4[-+H>HO:L>1!GT##D#ZYKSS5_A?XMTCBE1;ZO/+$O\ RRN?
WJX]/FR1^!%>B:#\ M=89&6+7M-,6< W%H=R_BAY ^A/TKQ22.2&1HY49)%.&5A@@^XIM$J<9;H2FT M?
8&D:YIFO68N]+O8KJ'H2AY4^A!Y!]C6A7Q]I&M:CH.H)?:9=26\Z?Q*>&'H M1T(]C7TMX!\:0^,]#-
P56*^@(2ZA7H">C+_LG!_(CMFN6I2<=5L;PGS:'5T4 M45B:!1110 4444 %%%% !115+6+]=*T6^U!\;;6W>;![5)Q^E
'S#\0=2_M M7Q[K%R&W*+@PH>VU/D&/^^<_C7-4YW:1V=V+,Q))/E>>THR4E= TT[,****H04444 %:4OB'6IE
MVRZO?NO93^__N__P +7]B22UM=;Q[*ZC'ZJU>!5ZM\";_R?$>I6!) N+42 =B4;'\G M-95E>#+IOWCWJBBBN Z@HHHH
**** #K61?>%M U//VW1K"9C_$T"[OSQFM> MBFFUL!P=]\'_?>9,=G/:,>]O.W\FR/TI_A?X6:'X6U@:I!-=W-P@(B\]EQ
M'D8)X R<$C\:[FBJYY6M._M$!\2^,+^_5]UN'\JWYX\M> 1]>6_&O>_B?XA_P"$?\$W;1OMN;O_$6'!Y!8
M'%I_&'B&/2XIO(78TDLVS?Y:@=<9&>2! MU[UZ3_PH'_J9O_)#_P"V5O*I&+LV9J+>!M'_H'_J9O_)#_P_.V4?\!*
M_P"IF_\)#_[94^VAW']C+O17\K&N?!&2?2M#O-0M];.^UR6T1E$'V39O Y(SO-M/.,]J\GJXR4MB7XR4MB7%K<^@?@?X@@IX@_M#PS
I$K9FT]_DSU,3DD?D=P_*O3Z^6_AOX M@_X1WQM93N^VVN#]FGSTVL1S^#;3^%?4E<=:-I>IT4]IT4W=!!156[U.PL)
(H[R^M MK9YL^4LTJH7QC.T$\XR.GJ*GCECF0/%(KH>C*<@UB:#Z*** (;JTMKZ!H+NW
MBN(6ZQRH'4_@@>>*\Y\5?!O!O^M4@EGT4?V==>X)5 287/H1_#]1T]#7IE8WB/Q1I M??A;3GN]2N40A28X01YDIYDI]%'?
Z]!WJXRDG[I!5/7M3Y N;>6TNIK:%E=4@F[5E-T:22MJ-FP:R==%L$UB=T(
G3K&\ET^_M[V!BLUO(LJ$=BIR/Y4[4;V34M3N[Z;'FW,SS/CU8DG^= M,M+:2]O(+6$;I9Y%C0>K,
<#^=>ATU.0^R(I!+$DBY=0PS[U_\ QT_Y':R_M[!R?^C)*]_BC$4*1@Y"*%S]*\ ^.G_([67_8.3_T9)7%0^,Z:GPGF-?1_P_P&
M?^2>Q?\ 7S+_#%?.%?1OP7=&^'Z*K E+J4, >AX//X$5O7^^$RI3+BORAT445Q M'2%%%%% !1110 4444 ?)_CK_)'S7?\
K]E_]"-<70>.O\ D?-=_P"OV7_T M(US9%LPSPW_R*VD?G6M
M@HHHI#/CW_QV.,R(Q% ,ESH+5XE8K;H[3IVIZ7JEVLVS,D06^A/^'@ O+3B]E36
CW36U;P)K%F@)@1QM) M/TSG*=X^\-X\67=D$(M9&\ZV..#&QX'X'*A7,UVVNZN6N4<1A3_KHP[3P%?
KU>!!&0<@UY\HN+LS9KSKC704 M45%I7S/B%KYS')_G7H_P4/4/B.T=9TS,_4AV,KI9PGJ5ZYCK#&(?T$1 /(N_:$,1"_ZU1L]A
]TDO3[0PZA:TVRDU+4[2PA_UES,D*_5B!_6OL.&)((8X)>!7(WUN:/_1=/!"$CAIB.!^_)/L=M?
0595Y7=C2DM+GA7 MQY_Y#>D?]>S_/H5>25ZW\>?^0WI'_7L_P#9Z%7DE=%%+X$$S/Y+GT3\$O^1#D_
MZ_9/_04KT>O_?@A+&_@>>>-7!=+U]RYY&57%>E5QU/C9QO0Z*^^-R_ZJPOM@J_ODJA7DW=W=SCD\Y\&ZY5D5Q>:X_E5Q5?1=M?T\|

O22N%4?B:S+)F8*I9B_DGM7RIX\UU?$?C/4;^)]UOO\ *@(Z%%^4$?7& M?QKO/B-\5X=1LYM%\/.QAD&RXO,%=R]U0=
<'N3_]>O'Z[*-K5G/4E?1!7U9 MX!TMM&\"Z19NNV3R!*X/4,Y+D'Z;L?A7S_\ #OPJ_BKQ5;P/'FQMR)KIB.-@ M/W?
^!'CZ9/:OJ3I4XB6T2J2ZGG'QM_Y$./\ Z_8__07KYVKZ)^-O_(AQ_P#7 M['_Z"]?.U70^ BI\1ZK\"/\ D:=2_P"O+_V=:][KP3X$?
\C3J7_7E_[.M>]U MA6^,UI_"?.?Q9_Y*;J__&Q_]$I7%UVGQ9_Y*;J__;'__$I7%UV0^%&$MV?
M5/P[_P"2>Z)_U[#^9KIF574JP#*1@@C((KF?AW_R3W1/^O8?S-=/7GR^)G5' M8^:?B=X);PIK?VBTC/\ 95XQ:CIW>,_P
Q[?0UPM?7OB#0K/Q)HESI=ZN8 MIEX8#E&[,/<&OE37M$O/#NM7.EWR;9H&QN'1U[,/8CFNRE4YE9[G/4C9W*K7
MUR^GQV#2LUM'(TJ1GHK,"1]<#\JKT45L9GM_P !/^/'7/\ KI#__">O4M;T MX:OH.H.<<#[5;O$">Q92 ?SKRWX"?\>.N?\
72'^3U[#7!5^-G5#X3XQDC>& M5XI%*R(Q5E/4$=15W1=4ET76[+4X1E[6990O]X \C\1D?C7;_&#PH^B^)FU:
M"/%CJ+%R0.$F_B'X_>_$^E>XC$D;#N M#_6K-?-OP\^),_A&3[#?*]QI$C9*+]Z%CU9?4>H_'Z_0.CZ[I>OV@N=+OH;J
M+OL;E?9AU!^M<,Z;B_(Z8R4C1JE_8^F?]_ZS_P"_"_X5=HZ5F6<_XDTO3(?"
M^KRBPM$*64S;A"HQA#STKY/KW#XK_$2R.F3>'=(G2>:?Y;J:.Y6->Z]R>_H M,]^GA]=M&+2NSFJ_Z'1>
U+^/=#"C)^V1G\ V<;5'YMG*^D:RKOWC2EL%%4AK&F-=26PU&T-Q&=KQ"==ZGT(SD&KMA\K5-.M[H8P#
(GS+]&ZC\#7BWQ$^%,6@:?+K.B2R/9QG, MUO*7_!;\:Z=:>'KG0;6=)]0NL)(L;_^2@()W>A., M8Z\Y^NM*4N:R(FE:
[/G^O1/@OJ$EKX\6U5OW=Y;R1LN>"5&\'Z_*?S->=UZ% M\&+![KQ_'<*N4M+>21CZ9&P?C\W\Z[*GPLYX?
$CZ.HHHKSCK"BBB@ HHHH * M*** "N"^,&I?V?\ #ZYB#8>\ECMU(^NX_HI'XUWM>)?'G4MUUI&E*?N(]PX]
M?/E7YI!_L+W^IX^M>]>&O".C>%+3R=,M0KL,23O\TDGU;^ M@P/:L9U5'1;FD:;9YOX.^"R1^7>^*&#MU6QB;@?
[[#K]!^9KU^VMH+.WCM[: M&.&",;4CC4*JCT %2T5R2FY;FZBEL"#7R1XKT=M
\4ZEIA!"P3L(\]T/*G_ODBM\/+=&55=3'H MHHKJ,0HHHH_U_"^A2^)/$EEI46X">0>8P_@0KD
MJU&I:=#>$%RZGQ[JVCZAH=^]EJ=I);7"_P_+CJ/4'H1[BJ-?7>O>'.*\2V!L M]5M$GCZJW1T/JK=0:\&\:?"C5?2#9DO-
/WZAI@Y+JO[R(?[:CJ/\ :'XXK6%9 M2T>Y$J;6QY[1116QF%%%% !77_#"_P#[/^(FDN6PDTC0,/7>I4?J17(5:TV\
M;3]4M+U,[[>9)5QURK_TI25TT .SN?8U%-1UEC61"&1@&&4CN#3J\P[HHHH M **** "BBB@ HHHH **** "BBB@
HHHH ***KW\\MKIUS<0O-<31Q,\<*=9& M X4?4\4 > ?&?Q!_:GBQ-,B?-OIJ;"!T,K8+?D-H^H->;5UEUX$\:WMW-=7&
MAWCS3.TDC%1EF)R3U]:;%_%TLR1G0[E-S!=S_+GN>>E>A%QBK7.1W;N>H M__0/L>@76M2IB6]D\N(D?\
+_.X^K9_[Y%>JU3TG38='TBTTZW'[JVB6)>. MN!C/U/6KE<,Y>(/\ A)/!EC=N^ZYB7R+CUWKQD_48;\:^?_\ A7?B_P#Z
%Y_MWR/\:]*^$.E^)/#NIWMEJ>E74%C=('$CCY4D7\>X)_(5M6M*.C,Z=TRM\?O^_M9>_[>?\ VE7C<-
Q/;/O@FDB;U1BI_2OI#XE>_[SQM%IQLKR""2S\WY9@+O$EL (M=?U_%'\(NWQ^6<5=7XA>+D4*_?O<#U?)_U)/\ O&-
N2'T&Y._ZLJ___*"3 M5-_!'BJ-=Q\.ZF1_LVSD_D!6ON/L1[Q)/X]\67";7\0:@!_L3%/_$'%8,\\ MUS,TMQ+)+*W5Y&+$_B:W(O
OBN;:M\/:B,]-]NR_SQBMS3O@_P"+[YE\VSAL MD/\ '<3+_)U>E@!0 !P *PJ5DU:)
MK"G;5BUXU\=M$EDCTW6XU+1Q@VTQ'\.3N4_GN'Y5[+5>^L;;4K&:RO(4FMIE
M*21N.&!K"$N65S22NK'QO5NQU74=+=GT^_NK1VX9K>9HR?K@BO4/$GP0U""X M>;P]=MDB^P;HWXXKCY?
AKXQA;:V@W!/^PR,/S!-=RG%KK_P#@=+_\51_PF'B'?_H8]7_\ Z7_.*J[_PKQQ?__-"_[Y M'^_'_"N_%_\ T +S_OD?XT7AY!
[Q2_X3#Q/_-#'J_\ X'2__%4?2)AXG_Z& M/5___.E_P#BJN_*[\7_P#0 O/^^1_C1_PKQQ?_-'"_[Y'^-%X>0>\?27
MA6:6X\'Z)/(\LTEA [R.Q9F8QJ223U) -]97ABVFL_">C6MQ&8YX;&".1&Z MJPC4$'\16K7GO?]\C_&O1C*-
EJ'M,@F0I+%:1(ZGJK! "*T*\][G4M@HHHI#/$/CW_M_?VA_\ 7.;^:UX]7NWQD\ZSKUWI#:5I\UVL,G5P'PAT74M"\)W
M5KJEG):SO?/(J2#DJ8XQG\P??RKOZY*GQLWA*.5\=^#+?QGHGVX/J*^Q*Q?$?A31_%5H M+?5;02%?]7,ORR1_[K?
TZ>U73J\NCV)G#FU1\DUN:3XQ\1:&L>G:Q=0Q+TB MW[D'T5LC]*[W6_@9J=N[2:+?PW<7417'[N0>V?
NGZ\5QUU\./%]H^V30;ICZ MQ 2#_P =)KJ4X2ZF'+)%MOBOXV92IULX/I;0@_\ H%<]JOB#5]<<J>I7-W@
MY599"54^R]!^%65\&^*&8*/#FK9/K9R ?GBM.R^&/C&^8!-%EB4]6G=8P/S. M?TI^XNP>\SD:W?"OA/4O%NJK9V$9"
@S7##Y(E]3[^@[UZ5X?^!;"1)O$&HJ M5')M[///UN:5I&GZ'8)8Z;:QVUNG1$'4^I/4GW/-93K)?"7&FWN1
M:#H=EX=CU8^Y-5%%<;=SH/)/CIHDMSI.GZS#&6%H[13$
M#HKXVD^P(Q_P*O"]^R[JV@O;66UN8DE@E4I)&XR&4]0:\4\3?!"Z2>2X\.7_M)_\ H8]7_P#
Z7_XJM*;X9^,H&P^A3D_[#H_\B:B_P"%=^+_H M7G_?(_QK>\'V,[2*7_"8>)_^ACU?_P #I?\ XJC_(3#Q/\ ]#'J_P#X'2__M
!57?^%=^+_^@!>?]\C_!H_X5WXO_Z %Y_WR/\ &B\/(/>*7_"8>)_^ACU? M_P #I?\
XJOIGP9<377@K1I[B62::2TC9Y)&+,Q(Y))Y)KYS_P"%=^+_/H M7G_?(_QKZ/\ "%I/8^#M(M+J)HIX;2)
(VZJP'(-85^6RL:T[WU/,?C]_P R M]_V_P#M*O%Z]\^,WAW5]?\ [$_LJPFN_(_S/+'W=WEXS]<'\J]J_X5WXO_ M .@!>?\ ?
(_QK2E)*"U(FGS&/8:WJVE(Z:=JE[9HYRRV]P\88^IVD9JW_P_) MAXG_.ACU?\ \#I?_BJN_P#"N_%__0 O/^^1_C1_PKQQ?
_T +S_OD?XU=X>1 M-I%(^+_$OU<@_P#3[)_\569=7MW?2"2[NIKAQP&ED+G\S70K\.?%[,%& M@7>3Z@#^M:%I\
(_&5TP#::ENI_BFN$_($G]*.:""TFB1C&3ZD]2?<\UE.NE\)<:;>YG>$O"EAX0T9;"S!=V.^>=A\TK
M^I]!Z#M^9K>HHKD;;=V="5CSCXV_\B"_P!?L?\ Z"]?.U2WQ9T?4 ;\'): M::27,XNT?RXQSM ;)_45XA_PKOQ?_T
+S_OD?XUUT9)1U9SU$^8Z[X$?\C3 MJ7_7E_[.M>]UXW\'_"VN:%XAOI4TV>UBDM BM(!@MO4X_2O9*PK.\]#2G\)
M\O_%G_DINK_]L??\ T2E<77J/Q(\>(]6\?:G?6&D7-Q;;2^5LE0##8B0'OZ@B
MN5_X5WXO_P"@!>?]\C_&NN$ERK4K4QDG=GT%\._P#DGNB?]]>P_F:Z>N?\ ]E< MZ=X*TFSO(6AN(H
LD;=5.3O705PRW9TK8*X+XH>"!XIT7[991YU6S4F(R?$_X9WL^L#/6/#]DTXNV/VF"
M+&4D_O@>A[^_UK@O^%=^+_\ H 7G_?(_QKT(U(M7NA_NM[?EF MOJFH;NTMK^UDM;N".>"08>.10RL/<&G3J.
2@I'QK4MM=7%G,)K6>6"4='B< MJP_$5[CXB^!]C=N\^@WILW/(MY\O'^#?>_[ZKS_%#X3^,+!R!I@ND!QOMI
M58'\"0WZ5UJI"74P<)(S8_B!XMB0(OB"^(']Z3\R*=2EMM.B_B MRXE?\ O'_CU>N^$_
.B>$(]]G$9KQAA[N;!P_'-1*M%:E1IM[E?X M=>#5\'^'_*FVMJ R1)=..0#V0>PR?Q)KL***XFVW=G0E96/E;XB?\E"UO_KY
M/\A6%;:G?V6/LM]5*R_R->P^,/A!K&M>(K_%:PO[(K0O>&7OB_Q'J"%+K7-0D1NJ?:&"G\-<5BUTT'P\77+[4T"\!_MZ:
($'YMBNFTCX)>(KQU.I36NGQ?Q MYKCZ!>/_'J.:$>H;V]O-=7$=O; MQ/+-(P1(T&2Q/0
5]+_#7P5_PB&A,;H*=2NR'N"#D(!]U ?;)S[D^U6O"?P^ MT/PB/-M(C/>D8:
[GP7^B]E'T_$FNKKEJU>;1;&T(6U84445@:A1110 4444 M%%%% !7S#\5-2.I?$/4B"2EN5MT!
[;0,_P#CVZOIZN&U_P"%/A[Q#KK:M<-=
M0RR$&:.!P%E([G()!]Z^#OA%I6@^7>:MLU'4!@@,O[F(^RG[Q]S^0KN]+TFPT6Q2RTVTBMK=_M.B1COZD]2?
<\U+J/VV_>_P#'2U:4I6DB)J\3YCHH MHKT#E"KFDZ;/K&K6FFVHS_(/,O=*V:?J])Y(_J6D MEO*.FX?*X]5/0CZ5]?
5GZSH>F^(+!K+5+2.X@;H&'*GU4]0?<5O"LXZ,SE33 MV/C^BO2O&GPBU+0O,O=&\S4-
/')0#,T0]P/O#W'Y=Z\UZ5UQDI*Z.=IK<*** M*H1]8>![_P#M+P/HUT3EC:HC'U91M/ZJ:Z"O./@I?_:O K6Q/S6ET\8'^RV'
M'ZL:]'KS9JTFCKB[I!1114E!1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110
4444 %%%% !1110 4444 %%%% ! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %% M%%
!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 444 M4 %%%% !1110 4444 %%%% !1110 4444
%%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% ! M1110
4444 % EC2:)XI%#1NI5E/0@]13J* /D#7]*?1/$%_IDF6\NH;:W0R33.L<:#JS$X_.OK7PSH<7ASPY8Z5%@^1&
[#^)SRQ_$DUXG\% MO#?]I^))-8GCS;Z>OR9'!E;@?D.GV.*^@JYJ\KOE-4=+A1117,;!1110 44 M44 %
<#XS^%>D^)_,O+/;8:FV/OCZ<^QZUUPK)Z,PE3:V-#X"W^V] MUG3BWWXXYU'IM)4_^A+^5>W5_?!?3-
43QE)>"UFCM([=XYY'0J.<87GOD X M]J^@:PK?&:4_A"BBBL30**** "BBB@ HHHH **** "BB MB@
HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M "BBB@ HHHH **** "BBB@ HHHH ****

"BBB@ HHHH **** "BBB@ HHHH M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ H MHHH
**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BB MB@ HHHH **** "BBB@ HHHH **** "BBB@
HHHH **** "BBB@ HHHH **** M "BBB@ HHHH X/XO:-_:O@.XG12TU@ZW*X'.T<-^&TD_A7S8JEF"J"23@ =Z
M^RKFVBO+2:UG0/#,C1R*>ZD8(_(U_>!O"^G2?%:>PE\V2WTZ1I8@S#YF0_+ MNXY]>W2NJC.T7?H8U(W:/8? ?
AP>%_"-G8,H%RR^=