

1. In 1909, the average American consumed 18 pounds of butter. In 1999, the average American consumed about 27% of that amount. About how much butter did the average American consume in 1999?	2. Pat makes 3% commission on his total weekly sales. If his weekly sales total \$2,350, what is his amount of commission earned?	3. The population of California was 151.4 million people in 1980. By 1990, it was 190.8 million. Find the percent of change and round to the nearest tenth of a percent.	4. You estimated there were 89 jellybeans in a jar. There are actually 115 jellybeans in the jar. What is the percent error of your guess?	5. What is the sale price of a sweater if the regular price is \$60 and it's on sale for 25% off?
6. Mark weighed 110 pounds last year. He weighs 119 pounds this year. What is the percent of change in his weight? Round to the nearest tenth of a percent if necessary.	7. What is the simple interest earned if \$800 is deposited at an interest rate of 2% for 9 months?	8. Bryce predicted that 150 people would attend the concert. Because of rain, only 140 people actually showed up. What is the percent error of the concert attendance?	9. What is the total cost of an item that is marked \$20.00 if the sales tax is 8%?	10. Athletic shoes that regularly sell for \$85.99 are on sale for 20% off. How much is saved on the shoes?
11. Water freezes at 32°F, but in Ron's experiment, the water froze at 33°F. What is the percent error in Ron's experiment?	12. Shoes cost a store \$56.40. The mark up is 17%. Find the amount increase and the selling price of the shoes.	13. What is the sale price of a new computer that costs \$450.00 if the amount of discount is 25% off?	14. Does taking a 7% discount on an item and then paying 7% tax result in the original price of the item? Justify your answer.	15. What is the total amount of interest paid on a \$150 loan with an 8% interest rate and a time of 2 years?
16. A salesperson made \$128 commission selling merchandise. His commission rate was 5%. Find the dollar amount of his sales.	17. The price of a gallon of gasoline increased from \$2.50 a gallon to \$2.75 a gallon. What was the percent of increase?	18. What is the selling price of a \$60 video game with a 28% mark up and 6% tax?	19. If a 15% tip was left for a server, what was the amount of the tip in dollars if the total cost of the meal was \$24?	20. Wesley expected to run 2 miles in 14 minutes. He actually ran the 2 miles in 16 minutes. What was the percent error?
21. Henry earns \$50 interest on money he invested at a 5% interest rate for 6 months. How much money did he invest?	22. If an item is discounted 30% and then an additional 20% at the register, does that equal to 50% off the original price? Explain with examples.	23. What is the ending balance if \$900 is deposited at a simple-interest rate of 8% for 3 years?	24. John's electric bill went from \$68 last month to \$54.40 this month. What was the percent of decrease in his bill?	25. A \$59.50 coat is on sale for \$36.50. About how much is the percent of discount?