

Chapter 6

Write each percent as a decimal and each decimal as a percent.

- | | |
|----------|----------|
| 1. 37% | 1. _____ |
| 2. .43 | 2. _____ |
| 3. .08% | 3. _____ |
| 4. 7.6 | 4. _____ |
| 5. 537% | 5. _____ |
| 6. .0055 | 6. _____ |

Write each decimal as a fraction in lowest terms.

- | | |
|----------|----------|
| 7. .05% | 7. _____ |
| 8. 47.5% | 8. _____ |

Write each fraction or mixed number as a percent.

- | | |
|---------------------|-----------|
| 9. $\frac{5}{8}$ | 9. _____ |
| 10. $\frac{18}{50}$ | 10. _____ |
| 11. $2\frac{4}{5}$ | 11. _____ |

Solve each problem.

- | | |
|---|-----------|
| 12. What percent of \$450 is \$225? | 12. _____ |
| 13. 58% of what amount is 203? | 13. _____ |
| 14. 92% of all dogs have city licenses. If 6900 licenses have been issued, how many dogs are there in the city? | 14. _____ |
| 15. Find the total cost of a \$519 washer if the sales tax is $5\frac{1}{2}$ %. Round the answer to the nearest cent. | 15. _____ |
| 16. If Bryant receives \$126 for selling a \$1800 dining table, what is his commission rate? | 16. _____ |
| 17. Attendance at a ballet increased from 481 to 520. Find the percent of increase. | 17. _____ |

Find the amount of discount and the sale price.

Round answers to the nearest cent.

	<i>Original Price</i>	<i>Rate of Discount</i>	
18.	\$96	12%	18. _____ _____
19.	\$280	32.5%	19. _____ _____

Find the simple interest on each loan.

	<i>Principal</i>	<i>Rate</i>	<i>Time</i>	
20.	\$970	10%	$2\frac{1}{2}$ years	20. _____
21.	\$18,350	11%	9 months	21. _____
22.	If you borrow \$800 from a friend at 5% interest for 4 months, how much must you pay back?			22. _____

Use the compound interest table to solve the following problem.

23. You deposit \$3500 into a savings account earning 4.5% interest compounded annually. How much is in the account after 7 years? 23. _____
24. Complete the sentence:
The _____ is the original price minus the discount. 24. _____
25. Identify the three parts of the following percent problem. 25. _____
44% of all trucks are white. If there are _____
14,800 trucks, how many are white? _____