

1-2
C

NAME _____ DATE _____ PERIOD _____

Homework Practice**Algebra: The Percent Proportion and Equation**

Solve each problem using a percent proportion.

1. 6 is what percent of 24?
2. 125 is what percent of 375?
3. What is 20% of 80?
4. What is 14% of 440?
5. 28 is 35% of what number?
6. 63 is 63% of what number?

7. **GAMES** Before discarding, Carolee has 4 green cards, 3 red cards, 3 orange cards, and 1 gold card. If she discards the gold card, what percent of her remaining cards are red?

Solve each problem using a percent equation.

8. 4% of what number is 7?
9. 85 is 10% of what number?
10. Find $3\frac{1}{2}\%$ of 250.
11. What is $7\frac{1}{4}\%$ of 56?
12. 560 is what percent of 420?
13. $2\frac{1}{5}\%$ of what number is 44?
14. **MUSIC** In a recent survey, 47% of teens said they use the Internet to download music. If there were 300 teens surveyed, how many use the Internet to download music?

Get Connected For more examples, go to glencoe.com.