## Study Guide and Intervention

## Using Percent Equations has percent and percent

Solve Problems The percent equation remarks to solve neighbors and analysis avior Percent Equations A percent equation is an equivalent form of a percent proportion. In a percent equation, the percent is written as a decimal. REAL ESTATE A commission is the fee paid to the real estate agent

Example

based on a percent of sales. If a real estate agent's commission is 3% and the Solve each problem using a percent equation.

$$n = 0.22(95)$$

$$n = 20.9$$

a. Find 22% of 95. b. 15 is what percent of 75?

$$15 = n(75)$$

$$0.2 = n$$

c. 90 is 20% of what number?

$$90 = 0.2n$$

$$450 = n$$

Exercises by a self-order track work with the least to see the residence of the least track to be a self-order to be a self-ord

Solve each problem using a percent equation.

- 1. Find 76% of 25.
- 2. That you is got 15, questions correct on his pretest. He wants to get 20% more correct
- **5.** Find 3.5% of 280.
- 9. 36 is what percent of 240?
- 11. 15.4 is what percent of 55?
- **13.** 13.2 is what percent of 80?
- **15.** 36 is 9% of what number?
- 17.576 is 90% of what number?
- 19. 25 is 125% of what number?

- 2. Find 9% of 410.
- - 6. Find 18.5% of 60.
- 7. Find 107% of 1080. 4 and this talut below to 8. 256 is what percent of 800? 4 and 1000.
  - **10.** 2089.5 is what percent of 2100?
  - 12. 7 is what percent of 350?
  - 14. 14.4 is what percent of 120?
  - 16. 2925 is 39% of what number?
  - 18. 24.2 is 55% of what number?
  - **20.** 0.6 is 7.5% of what number?