Cumulative Review

Evaluate the expression. (Lesson 7.1)

$$\Theta_1 = \frac{1}{2} d \text{ when } d := \frac{3}{4}$$

Evaluate the expression. (Lesson 7.2)

$$3. 27 - 11 + 9$$

10.
$$14 + (3 + 2^2)$$

Translate the verbal phrase into an expression. (Lesson 3.3)

Write an equation or an inequality, (Lesson 1.4)

Check whether the given number is a solution of the equation or inequality. /Lesson 3.49

State the formula that is needed to solve the problem. Then solve the problem. (Lesson 1.5)

- 22. What is the interest earned on \$500 invested for 7 years in an account that earns simple interest at a rate of 4% per year?
- 23. A bus travels at an average speed of 65 miles per hour. How many miles does the bus travel in 4.5 hours?

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