Name _____

Practice
4-4

Solving Multiplication and Division Equations

For **1** through **3**, explain how to get the variable alone in each equation.

1. $r \times 7 = 42$
$r \times 7 \div 7 = 42 \div 7$

2. $m \div 6 = 12$
$m \div 6 \times \_\_ = 12 \times \_\_$

3. $44 = 2k$

For **4** through **9**, solve the equation. Check your answer.

4. $9n = 72$

5. $y \times 5 = 60$

6. $v \div 13 = 2$

7. $w \div 7 = 15$

8. $216 = 36p$

9. $17 = t \div 3$

10. Writing to Explain Tell how you would get the variable m alone on one side of the equation $15m = 45$.

11. Write a Problem Write a problem that can be solved with the equation $r \div 6 = 14$.

12. Number Sense Which equation can you use to solve this problem?

There are 12 muffins in a package. Will bought 84 muffins. How many packages did he buy?

A $12 \times p = 84$

B $84 \times 12 = p$

C $12 \div p = 84$

D $84 = 12 + p$