Example 1: Solve

$$5k = 25$$

$$5k \div 5 = 25 \div 5$$

$$k = 5$$

Example 2: Solve

$$\frac{t}{7} = 2$$

$$\frac{\mathsf{t}}{7} \times 7 = 2 \times 7$$

$$t = 14$$

Solve each equation.

1) 
$$3x = 27$$

2) 
$$-\frac{n}{9} = -6$$

3) 
$$-\frac{b}{7} = 8$$

4) 
$$5w = -30$$

5) 
$$-2h = 14$$

6) 
$$\frac{p}{10} = -2$$

$$7) \qquad \frac{y}{4} = 5$$

8) 
$$-9m = -45$$

## **Answer key**

$$5k = 25$$

$$5k \div 5 = 25 \div 5$$

$$k = 5$$

Example 2: Solve

$$\frac{t}{7} = 2$$

$$\frac{\mathsf{t}}{7} \times 7 = 2 \times 7$$

$$t = 14$$

Solve each equation.

1) 
$$3x = 27$$

$$x = 9$$

3) 
$$-\frac{b}{7} = 8$$

$$b = -56$$

5) 
$$-2h = 14$$

$$h = -7$$

$$7) \qquad \frac{y}{4} = 5$$

$$y = 20$$

2) 
$$-\frac{n}{9} = -6$$

$$n = 54$$

4) 
$$5w = -30$$

$$w = -6$$

6) 
$$\frac{p}{10} = -2$$

$$p = -20$$

8) 
$$-9m = -45$$

$$m = 5$$