

Reteaching 7-1 Solving Two-step Equations

Solve $\frac{k}{5} - 9 = -7$.

$$\frac{k}{5} - 9 = -7$$

$$\frac{k}{5} - 9 + 9 = -7 + 9$$

Add 9 to each side.

$$\frac{k}{5} = 2$$

Simplify.

$$\frac{k}{5} \cdot 5 = 2 \cdot 5$$

Multiply each side by 5.

$$k = 10$$

Simplify.

Complete the example.

1. $4n + 13 = 1$

Subtract 13 from each side.

Simplify.

Divide each side by 4.

Simplify.

Solve each equation.

2. $3x - 5 = 10$ $x =$ _____

3. $\frac{n}{2} + 10 = 7$ $n =$ _____

4. $\frac{m}{7} - 9 = -5$ $m =$ _____

5. $5w - 2 = -12$ $w =$ _____

6. $4a + 12 = -8$ $a =$ _____

7. $\frac{b}{3} + 8 = -7$ $b =$ _____