

# Solve Multi-Step Equations Quiz

**Directions:** Solve each equation.

1.

$$2(x + 5) = 8$$

2.

$$4(2x - 5) = 12 + 4x$$

3.

$$5(x + 6) = -6 + x$$

4.

$$5x - 1 + 2x = 9x + 3$$

5.

$$-48 = 2(-3x - 6) - 3x$$

6.

$$3x - 3(9x + 5) = 33$$

7.

$$-6(2x - 4) = -3x - 3$$

8.

$$17x + 8 - x = 32x - 40$$

9.

$$3x + 2(x + 10) = 30 + 3x$$

10.

$$19x - 3(7x - 4) = 36$$

11.

$$6(3x + 2) - 2x = -4x - 8$$

12.

$$12 - 3x - 4 = -(4x + 8)$$