

# TWO-STEP EQUATIONS QUIZ

Directions: Solve each equation.

**1.**

$$5x + 20 = 55$$

$$x = 7$$

**2.**

$$-11x - 15 = 7$$

$$x = -2$$

**3.**

$$-6x + 8 = -16$$

$$x = 4$$

**4.**

$$18 + 4x = 6$$

$$x = -3$$

**5.**

$$-7x - 9 = -23$$

$$x = 2$$

**6.**

$$-9x + 12 = 15$$

$$x = -\frac{3}{9} \text{ or } -\frac{1}{3}$$

**7.**

$$2(x - 10) = 60$$

$$x = 40$$

**8.**

$$-6(x + 8) = -12$$

$$x = -6$$

**9.**

$$-3(x - 7) = 9$$

$$x = 4$$

**10.**

$$-2.4x + 8.6 = -10$$

$$x = 7.75$$

**11.**

$$2\left(x + \frac{1}{6}\right) = \frac{1}{2}$$

$$x = \frac{1}{12}$$

**12.**

$$\frac{2}{3}(x + 3) = 6$$

$$x = 6$$