

**Extra Practice****9.4**

Name \_\_\_\_\_

In 1–12, use the quadratic formula to solve the equation.

1.  $x^2 - 8x + 15 = 0$

2.  $x^2 + 11x + 18 = 0$

3.  $2x^2 + 3x - 2 = 0$

4.  $4x^2 - 7x + 3 = 0$

5.  $8x^2 + 26x - 15 = 0$

6.  $x^2 + 3x - 5 = 0$

7.  $x^2 - 7x + 1 = 0$

8.  $3x^2 + 8x + 2 = 0$

9.  $3x^2 + x - 6 = 0$

10.  $2x^2 - 5x - 8 = 0$

11.  $5x^2 - 3x - 5 = 0$

12.  $7x^2 - 21x + 8 = 0$

**■ Lesson 9.4**

1. 5, 3      2. -2, -9      3. -2,  $\frac{1}{2}$       4. 1,  $\frac{3}{4}$
5. 0.5, -3.75      6.  $\approx 1.19$ ,  $\approx -4.19$
7.  $\approx 6.85$ ,  $\approx 0.15$       8.  $\approx -0.28$ ,  $\approx -2.39$
9.  $\approx -1.59$ ,  $\approx 1.26$
10.  $\approx 3.61$ ,  $\approx -1.11$       11.  $\approx 1.34$ ,  $\approx -0.74$