

Name \_\_\_\_\_

### Algebra II Practice Quiz 6.3

Solve each equation by factoring. Circle your answers.

1.  $x^2 = 11x$

2.  $x^2 + 6x - 16 = 0$

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

4.  $x^2 + 8x + 12 = 0$

5.  $6x^2 + 6 = -13x$

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

7.  $x^2 = 64$

8.  $4x^2 + 7x = 2$

**Write a quadratic equation with the given roots.**

9.  $-2, 7$

10.  $\frac{-2}{3}, \frac{3}{4}$

11.  $0, -5$

12.  $\frac{1}{3}, 5$