

## 4-3 Practice

Write a quadratic equation in standard form with the given root(s).

1. 7, 2

2. -5, 8

3. -6, -3

4. 3, -4

Solve each equation by factoring.

5.  $x^2 - 4x - 12 = 0$

6.  $x^2 - 16x + 64 = 0$

7.  $x^2 - 6x + 8 = 0$

8.  $x^2 - 4x = 0$

9.  $x^2 = 2x + 99$

10.  $x^2 + 12x = -36$

11.  $5x^2 - 35x + 60 = 0$

12.  $36x^2 = 25$

13.  $x^2 + 12x + 36 = 0$

14.  $2x^2 + 11x + 12 = 0$

15.  $3x^2 - 2x - 8 = 0$

16.  $x^2 - 10x + 25 = 0$