

## Chapter A Lesson 3 - Solving Equations Part 2

Solve each equation by completing the square.

1)  $x^2 + 6x - 16 = 0$

2)  $x^2 - 8x - 3 = 0$

3)  $p^2 + 12p - 64 = 0$

4)  $a^2 + 4a - 26 = 0$

5)  $x^2 - 14x + 34 = 10$

6)  $r^2 + 10r - 51 = 5$

7)  $x^2 - 18x + 37 = 4$

8)  $x^2 + 2x - 37 = 7$

Solve each equation with the quadratic formula.

9)  $2x^2 - 6x = 18$

10)  $5p^2 - 11p = 42$

11)  $2n^2 = -7n + 9$

12)  $7x^2 + 4 = 7x$

13)  $8v^2 + 8 = 8v$

14)  $x^2 = 4x + 60$