

## Solving Quadratic Equations by Completing the Square – Day 2

Unit 2C: Quadratic Functions – Working With Equations

Solve the equation:

1.  $-10 = x^2 - 8x + 2$

2.  $x^2 + 16x = 2$

3.  $4 - x^2 = 10x$

4.  $x^2 = 23 - 15x$

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

6.  $-32x = 16 - x^2$

**Solve the equation:**

7.  $2x^2 = 22x - 11$

8.  $4x^2 - 8 = -13x$

9.  $2x^2 - 12 = 3x$

10.  $-13 + 2x^2 = 12x$

11.  $-3x^2 - 9 = -6x$

12.  $x^2 = -7x - 3$