

## Solving Quadratic Equations by Using the Quadratic Formula – Day 2

### Unit 2C: Quadratic Functions – Working With Equations

Solve the equation:

1.  $x^2 + 6x = 0$

2.  $(x - 4)(x + 5) = 7$

3.  $x^2 - 3x - 1 = 0$

4.  $x^2 - 5x - 6 = 18$

5.  $4x^2 = -8x - 3$

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

**Solve the equation:**

7.  $x^2 + 10x = 5$

8.  $5x^2 - 2x - 3 = 0$

9.  $-x^2 - 3x + 1 = 0$

10.  $-14 = x^2 + 9x$

11.  $0 = 10 - 5x^2 - 15$

12.  $2x^2 = 14 + 8x$