

Solving Quadratic Equations by Using the Quadratic Formula – Day 1

Unit 2C: Quadratic Functions – Working With Equations

Solve the equation:

1. $x^2 + 7x + 9 = 0$

2. $(x + 1)(x - 2) = 5$

3. $x^2 - 9x + 5 = 0$

4. $x^2 + 9x - 2 = -16$

5. $5x^2 + 16x - 6 = 3$

6. $3x^2 - 3 = -5x - 1$

Solve the equation:

7. $x^2 + 6x + 5 = 0$

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

9. $-6x^2 + 3x + 19 = 0$

10. $0 = 7x^2 + 6x - 5$

11. $-3 = 7x + 2x^2$

12. $-6x = 3x^2 - 18$