

Solving Quadratic Equations by Completing the Square – Day 1

Unit 2C: Quadratic Functions – Working With Equations

Solve the equation:

1. $x^2 - 8x = 3$

2. $x^2 + 2x = 13$

3. $x^2 - 5x - 1 = 4 - 3x$

4. $0 = x^2 - 6x + 3$

5. $0 = x^2 + 7x - 26$

6. $0 = x^2 - 3x - 6$

Solve the equation:

7. $x^2 + 7x + 10 = 0$

8. $x^2 + 10x + 16 = 0$

9. $x^2 - x = 30$

10. $0 = 3x^2 - 2x - 12$

11. $-2x^2 + 14x + 60 = 0$

12. $0 = 3x^2 - 11x + 6$