

Solving Quadratic Equations by Completing the Square – Day 3

Unit 2C: Quadratic Functions – Working With Equations

Solve the equation:

1. $x^2 - 2x - 7 = 0$

2. $x^2 - 8x + 13 = 0$

3. $x^2 - 14x - 1 = 0$

4. $3 = x^2 + 20x$

5. $5x = x^2 + 1$

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

Solve the equation:

7. $2x^2 - 13 = 2x$

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

9. $2x^2 + 16x = 3$

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

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

12. $0 = 3x^2 + 15x - 2$