

Math Worksheet

Solutions to Quadratic Equations by Completing the Square

Grade 7

Solve each quadratic equation by completing the square.

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

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

3. $3x^2 - 7x - 6 = 0$

4. $y^2 + 2y = 88$

5. $y^2 + 4y = 96$

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

7. $xy^2 + 8xy = -17$

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

9. $x^2 + 8x = -25$

10. $6x^2 + 9x - 8 = 0$