

Spring 2024 Homework 7: Math 1215
Intermediate Algebra

Your Name.....

Due Feb 29

Quadratic Equations

Solve by Factoring

1. Solve the equation $x^2 - 6x + 8 = 0$.
2. Solve the equation $2x^2 - 5x - 3 = 0$.
3. Solve the equation $3x^2 + 7x + 2 = 0$.
4. Solve the equation $4x^2 - 12x + 8 = 0$.
5. Solve the equation $x^2 - 9 = 0$.
6. Solve the equation $2x^2 + 5x + 3 = 0$.
7. Solve the equation $3x^2 - 10x + 7 = 0$.

Solve by Quadratic Formula

1. Solve the equation $x^2 + 4x - 5 = 0$.
2. Solve the equation $2x^2 - 3x - 2 = 0$.
3. Solve the equation $3x^2 + 2x - 1 = 0$.
4. Solve the equation $x^2 - 8x + 16 = 0$.
5. Solve the equation $2x^2 + 3x - 5 = 0$.
6. Solve the equation $3x^2 - 4x - 2 = 0$.