

YOUR NAME: \_\_\_\_\_

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1. Solve the equation  $x^2 + 6x = 2$ .

2. Solve the equation  $x - 13\sqrt{x} + 36 = 0$ .

3. Graph the function  $f(x) = x^2 - 4x - 12$ .

4. Solve the quadratic inequality  $2x^2 + 5x \geq 3$ .