

# Introduction to Quadratic Formula

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## QUADRATIC FORMULA

If  $ax^2 + bx + c = 0$ , then

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

Solve each of the following using the Quadratic Formula.

Example:  $2x^2 + 5x + 3 = 0$

1.  $x^2 + 4x - 21 = 0$

2.  $x^2 + 7x + 12 = 0$

3.  $2x^2 + 9x - 5 = 0$

4.  $3x^2 - 10x - 8 = 0$