

## Quadratic Formula

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Solve each equation with the quadratic formula.  $x = \frac{-b + \sqrt{b^2 - 4ac}}{2a}$  and  $x = \frac{-b - \sqrt{b^2 - 4ac}}{2a}$

1)  $x^2 - 10x - 24 = 0$

2)  $6n^2 - 9n - 27 = 0$

3)  $4a^2 + 6a - 108 = 0$

4)  $4x^2 - 3x - 27 = 0$

5)  $3p^2 + 6p - 9 = 0$

6)  $n^2 - 5n - 104 = 0$

7)  $4m^2 - m - 68 = 0$

8)  $6r^2 + 7r - 10 = 0$

9)  $4v^2 - 11v - 119 = 0$

10)  $3b^2 + 2b - 16 = 0$