



## Three Options to solving Quadratic Equations



### Solve by Factoring

1.  $x^2 + 5x - 24 = 0$

2.  $x^2 - 3x - 28 = 0$

3.  $x^2 + 3x = 18$

4.  $4x^2 = -3x$

5.  $4x^2 + 7x = 2$

6.  $6x^2 + 6 = -13$

### Solve with Square Roots

7.  $x^2 = 81$

8.  $x^2 = 25$

9.  $3x^2 - 21 = 45$

10.  $5x^2 + 5 = 0$

11.  $6x^2 + 72 = 0$

12.  $-3x^2 - 9 = 0$

### Solve using the Quadratic Formula

13.  $x^2 - 8x + 15 = 0$

14.  $x^2 + 2x - 120 = 0$

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

16.  $x^2 - 4x + 5 = 0$

17.  $x^2 + 6x + 13 = 0$

18.  $2x^2 - 3x + 1 = 0$