

Mathematical Equations

1. $x^2 + 2x + 1 = 0$
 $(x + 1)^2 = 0$
 $x = -1$

2. $x^2 - 4x + 4 = 0$
 $(x - 2)^2 = 0$
 $x = 2$

3. $x^2 + 5x + 6 = 0$
 $(x + 2)(x + 3) = 0$
 $x = -2, -3$

4. $x^2 - 7x + 12 = 0$
 $(x - 3)(x - 4) = 0$
 $x = 3, 4$

5. $x^2 + 8x + 15 = 0$
 $(x + 3)(x + 5) = 0$
 $x = -3, -5$

6. $x^2 - 9x + 18 = 0$
 $(x - 3)(x - 6) = 0$
 $x = 3, 6$

7. $x^2 + 10x + 25 = 0$
 $(x + 5)^2 = 0$
 $x = -5$

8. $x^2 - 11x + 30 = 0$
 $(x - 5)(x - 6) = 0$
 $x = 5, 6$

9. $x^2 + 12x + 36 = 0$
 $(x + 6)^2 = 0$
 $x = -6$

10. $x^2 - 13x + 42 = 0$
 $(x - 6)(x - 7) = 0$
 $x = 6, 7$