

# Résolution d'Équations Quadratiques (C)

Calculer les solutions des équations suivantes.

1.  $x^2 + 4x - 12 = 0$

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

2.  $x^2 - 10x + 24 = 0$

8.  $x^2 - 7x - 8 = 0$

3.  $x^2 + 7x - 18 = 0$

9.  $x^2 - 25 = 0$

4.  $x^2 - 7x - 8 = 0$

10.  $x^2 + 12x + 32 = 0$

5.  $x^2 - 4x + 3 = 0$

11.  $x^2 + 6x + 8 = 0$

6.  $x^2 - 11x + 30 = 0$

12.  $x^2 + x - 42 = 0$

## Résolution d'Équations Quadratiques (C) Réponses

Calculer les solutions des équations suivantes.

1.  $x^2 + 4x - 12 = 0$   
 $(x - 2)(x + 6) = 0$   
 $x = 2, -6$

7.  $x^2 - 2x - 3 = 0$   
 $(x + 1)(x - 3) = 0$   
 $x = -1, 3$

2.  $x^2 - 10x + 24 = 0$   
 $(x - 4)(x - 6) = 0$   
 $x = 4, 6$

8.  $x^2 - 7x - 8 = 0$   
 $(x + 1)(x - 8) = 0$   
 $x = -1, 8$

3.  $x^2 + 7x - 18 = 0$   
 $(x + 9)(x - 2) = 0$   
 $x = -9, 2$

9.  $x^2 - 25 = 0$   
 $(x - 5)(x + 5) = 0$   
 $x = 5, -5$

4.  $x^2 - 7x - 8 = 0$   
 $(x - 8)(x + 1) = 0$   
 $x = 8, -1$

10.  $x^2 + 12x + 32 = 0$   
 $(x + 8)(x + 4) = 0$   
 $x = -8, -4$

5.  $x^2 - 4x + 3 = 0$   
 $(x - 1)(x - 3) = 0$   
 $x = 1, 3$

11.  $x^2 + 6x + 8 = 0$   
 $(x + 4)(x + 2) = 0$   
 $x = -4, -2$

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

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