

# Résolution d'Équations Quadratiques (I)

Calculer les solutions des équations suivantes.

1.  $-x^2 + 11x - 24 = 0$

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

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

8.  $-x^2 + 12x - 27 = 0$

3.  $x^2 + 2x - 35 = 0$

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

4.  $x^2 - 7x - 18 = 0$

10.  $x^2 - 6x - 16 = 0$

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

11.  $-x^2 - 2x + 35 = 0$

6.  $x^2 + 6x - 7 = 0$

12.  $x^2 - x - 30 = 0$

## Résolution d'Équations Quadratiques (I) Réponses

Calculer les solutions des équations suivantes.

1.  $-x^2 + 11x - 24 = 0$   
 $-(x - 3)(x - 8) = 0$   
 $x = 3, 8$

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

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

8.  $-x^2 + 12x - 27 = 0$   
 $-(x - 9)(x - 3) = 0$   
 $x = 9, 3$

3.  $x^2 + 2x - 35 = 0$   
 $(x - 5)(x + 7) = 0$   
 $x = 5, -7$

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

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

10.  $x^2 - 6x - 16 = 0$   
 $(x - 8)(x + 2) = 0$   
 $x = 8, -2$

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

11.  $-x^2 - 2x + 35 = 0$   
 $-(x - 5)(x + 7) = 0$   
 $x = 5, -7$

6.  $x^2 + 6x - 7 = 0$   
 $(x - 1)(x + 7) = 0$   
 $x = 1, -7$

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