

Résolution d'Équations Quadratiques (E)

Calculer les solutions des équations suivantes.

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

7. $x^2 - 9x + 18 = 0$

2. $x^2 - 81 = 0$

8. $-x^2 + 25 = 0$

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

9. $x^2 + 4x - 45 = 0$

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

10. $-x^2 + 7x - 12 = 0$

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

11. $-x^2 - 9x - 18 = 0$

6. $-x^2 + 6x - 5 = 0$

12. $-x^2 + x + 56 = 0$

Résolution d'Équations Quadratiques (E) Réponses

Calculer les solutions des équations suivantes.

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

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

2. $x^2 - 81 = 0$
 $(x + 9)(x - 9) = 0$
 $x = -9, 9$

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

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

9. $x^2 + 4x - 45 = 0$
 $(x - 5)(x + 9) = 0$
 $x = 5, -9$

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

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

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

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

6. $-x^2 + 6x - 5 = 0$
 $(x - 1)(x - 5) = 0$
 $x = 1, 5$

12. $-x^2 + x + 56 = 0$
 $-(x + 7)(x - 8) = 0$
 $x = -7, 8$