

Résolution d'Équations Quadratiques (F)

Calculer les solutions des équations suivantes.

1. $-x^2 - 16x - 63 = 0$

7. $x^2 + 17x + 72 = 0$

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

8. $-x^2 + 13x - 36 = 0$

3. $-x^2 + x + 20 = 0$

9. $-x^2 + 9x - 14 = 0$

4. $x^2 + 10x + 9 = 0$

10. $x^2 - 81 = 0$

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

11. $x^2 - x - 42 = 0$

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

12. $x^2 + 11x + 28 = 0$

Résolution d'Équations Quadratiques (F) Réponses

Calculer les solutions des équations suivantes.

1. $-x^2 - 16x - 63 = 0$
 $-(x + 7)(x + 9) = 0$
 $x = -7, -9$

7. $x^2 + 17x + 72 = 0$
 $(x + 8)(x + 9) = 0$
 $x = -8, -9$

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

8. $-x^2 + 13x - 36 = 0$
 $-(x - 9)(x - 4) = 0$
 $x = 9, 4$

3. $-x^2 + x + 20 = 0$
 $(x - 5)(x + 4) = 0$
 $x = 5, -4$

9. $-x^2 + 9x - 14 = 0$
 $-(x - 2)(x - 7) = 0$
 $x = 2, 7$

4. $x^2 + 10x + 9 = 0$
 $(x + 1)(x + 9) = 0$
 $x = -1, -9$

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

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

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

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

12. $x^2 + 11x + 28 = 0$
 $(x + 7)(x + 4) = 0$
 $x = -7, -4$