Résolution d'Équations Quadratiques (G)

Calculer les solutions des équations suivantes.

1. $x^2 - x - 15 = 27$
2. $x^2 + x - 1 = 1$
3. $x^2 + x - 1 = 1$
4. $x^2 + 5x - 5 = 31$
5. $x^2 + 5x = -4$
6. $x^2 - 1 = 0$
7. $x^2 + x - 39 = 3$
8. $x^2 + 13x + 32 = -10$
9. $x^2 + 4x - 6 = 6$
10. $x^2 - 2x + 1 = 0$
11. $x^2 + 3x + 2 = 0$
12. $x^2 + 6x - 1 = 6$

Résolution d'Équations Quadratiques (G) Réponses

Calculer les solutions des équations suivantes.

1. $x^2 - x - 15 = 27$
$x^2 - x - 42 = 0$
$(x - 7)(x + 6) = 0$
$x = 7 \ , \ -6$

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

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

4. $x^2 + 5x - 5 = 31$
$x^2 + 5x - 36 = 0$
$(x + 9)(x - 4) = 0$
$x = -9 \ , \ 4$

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

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

7. $x^2 + x - 39 = 3$
$x^2 + x - 42 = 0$
$(x + 7)(x - 6) = 0$
$x = -7 \ , \ 6$

8. $x^2 + 13x + 32 = -10$
$x^2 + 13x + 42 = 0$
$(x + 7)(x + 6) = 0$
$x = -7 \ , \ -6$

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

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

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

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