Résolution d'Équations Quadratiques (F)

Calculer les solutions des équations suivantes.

1. $-2x^2 - 10x + 48 = 0$
2. $2x^2 - 16x + 14 = 0$
3. $-2x^2 - 14x - 12 = 0$
4. $2x^2 - 17x + 8 = 0$
5. $-x^2 + 4x + 21 = 0$
6. $-2x^2 - 16x - 14 = 0$
7. $-2x^2 + 22x - 36 = 0$
8. $-2x^2 - 5x - 3 = 0$
9. $-x^2 + 15x - 54 = 0$
10. $2x^2 - 8x - 42 = 0$
11. $2x^2 + 26x + 72 = 0$
12. $-2x^2 + 21x - 49 = 0$

Résolution d'Équations Quadratiques (F) Réponses

Calculer les solutions des équations suivantes.

1. $-2x^2 - 10x + 48 = 0$
$-(x + 8)(2x - 6) = 0$
$x = -8 \ , \ 3$

2. $2x^2 - 16x + 14 = 0$
$(x - 7)(2x - 2) = 0$
$x = 7 \ , \ 1$

3. $-2x^2 - 14x - 12 = 0$
$(2x + 2)(x + 6) = 0$
$x = -1 \ , \ -6$

4. $2x^2 - 17x + 8 = 0$
$(x - 8)(2x - 1) = 0$
$x = 8 \ , \ 1/2$

5. $-x^2 + 4x + 21 = 0$
$(x - 7)(x + 3) = 0$
$x = 7 \ , \ -3$

6. $-2x^2 - 16x - 14 = 0$
$(2x + 2)(x + 7) = 0$
$x = -1 \ , \ -7$

7. $-2x^2 + 22x - 36 = 0$
$-(x - 9)(2x - 4) = 0$
$x = 9 \ , \ 2$

8. $-2x^2 - 5x - 3 = 0$
$-(2x + 3)(x + 1) = 0$
$x = -1\ 1/2, \ -1$

9. $-x^2 + 15x - 54 = 0$
$-(x - 6)(x - 9) = 0$
$x = 6 \ , \ 9$

10. $2x^2 - 8x - 42 = 0$
$(2x + 6)(x - 7) = 0$
$x = -3 \ , \ 7$

11. $2x^2 + 26x + 72 = 0$
$(2x + 8)(x + 9) = 0$
$x = -4 \ , \ -9$

12. $-2x^2 + 21x - 49 = 0$
$-(x - 7)(2x - 7) = 0$
$x = 7 \ , \ 3\ 1/2$