Résolution d'Équations Quadratiques (I)

Calculer les solutions des équations suivantes.

1. $63x^2 - 69x + 18 = 0$
2. $20x^2 + 31x - 9 = 0$
3. $32x^2 + 8x - 12 = 0$
4. $10x^2 - 43x - 9 = 0$
5. $54x^2 + 30x - 4 = 0$
6. $14x^2 + 29x + 12 = 0$
7. $2x^2 - 16x - 18 = 0$
8. $32x^2 + 68x + 36 = 0$
9. $6x^2 - 10x - 4 = 0$
10. $12x^2 - 32x + 16 = 0$
11. $x^2 - 11x + 18 = 0$
12. $54x^2 + 129x + 72 = 0$

Résolution d'Équations Quadratiques (I) Réponses

Calculer les solutions des équations suivantes.

1. $63x^2 - 69x + 18 = 0$
   $(9x - 6)(7x - 3) = 0$
   $x = 2/3, \quad 3/7$

2. $20x^2 + 31x - 9 = 0$
   $(4x - 1)(5x + 9) = 0$
   $x = 1/4, \quad -1\ 4/5$

3. $32x^2 + 8x - 12 = 0$
   $(4x + 3)(8x - 4) = 0$
   $x = -3/4, \quad 1/2$

4. $10x^2 - 43x - 9 = 0$
   $(5x + 1)(2x - 9) = 0$
   $x = -1/5, \quad 4\ 1/2$

5. $54x^2 + 30x - 4 = 0$
   $(9x - 1)(6x + 4) = 0$
   $x = 1/9, \quad -2/3$

6. $14x^2 + 29x + 12 = 0$
   $(7x + 4)(2x + 3) = 0$
   $x = -4/7, \quad -1\ 1/2$

7. $2x^2 - 16x - 18 = 0$
   $(2x + 2)(x - 9) = 0$
   $x = -1\ , \quad 9$

8. $32x^2 + 68x + 36 = 0$
   $(8x + 9)(4x + 4) = 0$
   $x = -1\ 1/8, \quad -1$

9. $6x^2 - 10x - 4 = 0$
   $(6x + 2)(x - 2) = 0$
   $x = -1/3, \quad 2$

10. $12x^2 - 32x + 16 = 0$
    $(4x - 8)(3x - 2) = 0$
    $x = 2\ , \quad 2/3$

11. $x^2 - 11x + 18 = 0$
    $(x - 2)(x - 9) = 0$
    $x = 2\ , \quad 9$

12. $54x^2 + 129x + 72 = 0$
    $(9x + 8)(6x + 9) = 0$
    $x = -8/9, \quad -1\ 1/2$