Résolution d'Équations Quadratiques (B)

Calculer les solutions des équations suivantes.

1. $45x^2 - 94x + 48 = 0$
2. $-72x^2 + 17x + 72 = 0$
3. $16x^2 - 42x - 49 = 0$
4. $24x^2 - 42x + 18 = 0$
5. $63x^2 + 37x - 40 = 0$
6. $-8x^2 + 70x - 48 = 0$
7. $-27x^2 - 15x + 8 = 0$
8. $6x^2 + 5x - 21 = 0$
9. $x^2 + 2x - 48 = 0$
10. $30x^2 - 29x - 7 = 0$
11. $9x^2 - 34x + 21 = 0$
12. $81x^2 - 99x + 28 = 0$

Résolution d'Équations Quadratiques (B) Réponses

Calculer les solutions des équations suivantes.

1. $45x^2 - 94x + 48 = 0$
   $(9x - 8)(5x - 6) = 0$
   $x = 8/9,\ 1\ 1/5$

2. $-72x^2 + 17x + 72 = 0$
   $(8x - 9)(9x + 8) = 0$
   $x = 1\ 1/8,\ -8/9$

3. $16x^2 - 42x - 49 = 0$
   $(2x - 7)(8x + 7) = 0$
   $x = 3\ 1/2,\ -7/8$

4. $24x^2 - 42x + 18 = 0$
   $(6x - 6)(4x - 3) = 0$
   $x = 1\ ,\ 3/4$

5. $63x^2 + 37x - 40 = 0$
   $(7x + 8)(9x - 5) = 0$
   $x = -1\ 1/7,\ 5/9$

6. $-8x^2 + 70x - 48 = 0$
   $(8x - 6)(x - 8) = 0$
   $x = 3/4,\ 8$

7. $-27x^2 - 15x + 8 = 0$
   $-(9x + 8)(3x - 1) = 0$
   $x = -8/9,\ 1/3$

8. $6x^2 + 5x - 21 = 0$
   $(3x + 7)(2x - 3) = 0$
   $x = -2\ 1/3,\ 1\ 1/2$

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

10. $30x^2 - 29x - 7 = 0$
    $(5x + 1)(6x - 7) = 0$
    $x = -1/5,\ 1\ 1/6$

11. $9x^2 - 34x + 21 = 0$
    $(x - 3)(9x - 7) = 0$
    $x = 3\ ,\ 7/9$

12. $81x^2 - 99x + 28 = 0$
    $(9x - 7)(9x - 4) = 0$
    $x = 7/9,\ 4/9$