Resolver Cuadráticas (B)

Resuelva cada ecuación en función de x.

1. $-18x^2 - 44x + 30 = 0$
2. $-16x^2 - 4x + 2 = 0$
3. $45x^2 + 54x + 9 = 0$
4. $-18x^2 - 18x + 8 = 0$
5. $-63x^2 - 29x + 24 = 0$
6. $-4x^2 + 11x + 45 = 0$
7. $-6x^2 + 9x + 42 = 0$
8. $64x^2 - 64x + 15 = 0$
9. $-27x^2 - 33x + 42 = 0$
10. $3x^2 - 12x + 12 = 0$
11. $-30x^2 - 13x + 10 = 0$
12. $24x^2 + 16x + 2 = 0$

Resolver Cuadráticas (B) Respuestas

Resuelva cada ecuación en función de x.

1. $-18x^2 - 44x + 30 = 0$
$-(9x - 5)(2x + 6) = 0$
$x = 5/9, \ -3$

2. $-16x^2 - 4x + 2 = 0$
$(4x - 1)(4x + 2) = 0$
$x = 1/4, \ -1/2$

3. $45x^2 + 54x + 9 = 0$
$(5x + 1)(9x + 9) = 0$
$x = -1/5, \ -1$

4. $-18x^2 - 18x + 8 = 0$
$-(3x - 1)(6x + 8) = 0$
$x = 1/3, \ -1\ 1/3$

5. $-63x^2 - 29x + 24 = 0$
$(9x + 8)(7x - 3) = 0$
$x = -8/9, \ 3/7$

6. $-4x^2 + 11x + 45 = 0$
$(4x + 9)(x - 5) = 0$
$x = -2\ 1/4, \ 5$

7. $-6x^2 + 9x + 42 = 0$
$-(3x + 6)(2x - 7) = 0$
$x = -2 \ , \ 3\ 1/2$

8. $64x^2 - 64x + 15 = 0$
$(8x - 5)(8x - 3) = 0$
$x = 5/8, \ 3/8$

9. $-27x^2 - 33x + 42 = 0$
$-(9x - 7)(3x + 6) = 0$
$x = 7/9, \ -2$

10. $3x^2 - 12x + 12 = 0$
$(3x - 6)(x - 2) = 0$
$x = 2$

11. $-30x^2 - 13x + 10 = 0$
$-(5x - 2)(6x + 5) = 0$
$x = 2/5, \ -5/6$

12. $24x^2 + 16x + 2 = 0$
$(6x + 1)(4x + 2) = 0$
$x = -1/6, \ -1/2$