Resolver Cuadráticas (F)

Resuelva cada ecuación en función de x.

1. $-21x^2 - 6x + 15 = 0$

2. $-54x^2 + 60x + 16 = 0$

3. $-24x^2 + 18x + 27 = 0$

4. $56x^2 + 93x + 27 = 0$

5. $40x^2 + 76x + 28 = 0$

6. $-72x^2 - 63x + 9 = 0$

7. $-18x^2 - 24x + 24 = 0$

8. $-81x^2 + 18x + 35 = 0$

9. $6x^2 - 50x + 56 = 0$

10. $-36x^2 + 13x + 40 = 0$

11. $-5x^2 + 28x + 49 = 0$

12. $-72x^2 + 31x + 5 = 0$

Resolver Cuadráticas (F) Respuestas

Resuelva cada ecuación en función de x.

1. $-21x^2 - 6x + 15 = 0$
$-(7x - 5)(3x + 3) = 0$
$x = 5/7, \ -1$

2. $-54x^2 + 60x + 16 = 0$
$(9x + 2)(6x - 8) = 0$
$x = -2/9, \ 1\ 1/3$

3. $-24x^2 + 18x + 27 = 0$
$(6x - 9)(4x + 3) = 0$
$x = 1\ 1/2, \ -3/4$

4. $56x^2 + 93x + 27 = 0$
$(8x + 3)(7x + 9) = 0$
$x = -3/8, \ -1\ 2/7$

5. $40x^2 + 76x + 28 = 0$
$(5x + 7)(8x + 4) = 0$
$x = -1\ 2/5, \ -1/2$

6. $-72x^2 - 63x + 9 = 0$
$(9x + 9)(8x - 1) = 0$
$x = -1 \ , \ 1/8$

7. $-18x^2 - 24x + 24 = 0$
$-(2x + 4)(9x - 6) = 0$
$x = -2 \ , \ 2/3$

8. $-81x^2 + 18x + 35 = 0$
$-(9x + 5)(9x - 7) = 0$
$x = -5/9, \ 7/9$

9. $6x^2 - 50x + 56 = 0$
$(x - 7)(6x - 8) = 0$
$x = 7 \ , \ 1\ 1/3$

10. $-36x^2 + 13x + 40 = 0$
$-(4x - 5)(9x + 8) = 0$
$x = 1\ 1/4, \ -8/9$

11. $-5x^2 + 28x + 49 = 0$
$-(x - 7)(5x + 7) = 0$
$x = 7 \ , \ -1\ 2/5$

12. $-72x^2 + 31x + 5 = 0$
$-(9x - 5)(8x + 1) = 0$
$x = 5/9, \ -1/8$