

Resolver Cuadráticas (J)

Resuelva cada ecuación en función de x.

1. $18x^2 - 27x + 9 = 0$

7. $-3x^2 + 20x + 32 = 0$

2. $x^2 + 11x + 24 = 0$

8. $32x^2 - 92x + 45 = 0$

3. $54x^2 - 129x + 72 = 0$

9. $-21x^2 + x + 2 = 0$

4. $42x^2 - 71x + 30 = 0$

10. $18x^2 - 51x + 21 = 0$

5. $-64x^2 + 24x + 40 = 0$

11. $25x^2 - 55x + 24 = 0$

6. $-56x^2 + 49x + 7 = 0$

12. $-72x^2 + 6x + 36 = 0$

Resolver Cuadráticas (J) Respuestas

Resuelva cada ecuación en función de x.

1. $18x^2 - 27x + 9 = 0$
 $(2x - 1)(9x - 9) = 0$
 $x = 1/2, 1$

7. $-3x^2 + 20x + 32 = 0$
 $-(x - 8)(3x + 4) = 0$
 $x = 8, -1 \frac{1}{3}$

2. $x^2 + 11x + 24 = 0$
 $(x + 8)(x + 3) = 0$
 $x = -8, -3$

8. $32x^2 - 92x + 45 = 0$
 $(4x - 9)(8x - 5) = 0$
 $x = 2 \frac{1}{4}, \frac{5}{8}$

3. $54x^2 - 129x + 72 = 0$
 $(6x - 9)(9x - 8) = 0$
 $x = 1 \frac{1}{2}, \frac{8}{9}$

9. $-21x^2 + x + 2 = 0$
 $-(7x + 2)(3x - 1) = 0$
 $x = -\frac{2}{7}, \frac{1}{3}$

4. $42x^2 - 71x + 30 = 0$
 $(7x - 6)(6x - 5) = 0$
 $x = \frac{6}{7}, \frac{5}{6}$

10. $18x^2 - 51x + 21 = 0$
 $(6x - 3)(3x - 7) = 0$
 $x = \frac{1}{2}, 2 \frac{1}{3}$

5. $-64x^2 + 24x + 40 = 0$
 $(8x + 5)(8x - 8) = 0$
 $x = -\frac{5}{8}, 1$

11. $25x^2 - 55x + 24 = 0$
 $(5x - 8)(5x - 3) = 0$
 $x = 1 \frac{3}{5}, \frac{3}{5}$

6. $-56x^2 + 49x + 7 = 0$
 $(8x + 1)(7x - 7) = 0$
 $x = -\frac{1}{8}, 1$

12. $-72x^2 + 6x + 36 = 0$
 $-(9x + 6)(8x - 6) = 0$
 $x = -\frac{2}{3}, \frac{3}{4}$