

Resolver Cuadráticas (J)

Resuelva cada ecuación en función de x.

1. $20x^2 + 54x + 36 = 0$

7. $15x^2 + 51x + 42 = 0$

2. $21x^2 + 84x + 63 = 0$

8. $24x^2 + 72x + 54 = 0$

3. $12x^2 + 41x + 35 = 0$

9. $14x^2 + 35x + 21 = 0$

4. $27x^2 + 99x + 54 = 0$

10. $6x^2 + 9x + 3 = 0$

5. $63x^2 + 100x + 32 = 0$

11. $8x^2 + 32x + 24 = 0$

6. $x^2 + 9x + 20 = 0$

12. $25x^2 + 30x + 5 = 0$

Resolver Cuadráticas (J) Respuestas

Resuelva cada ecuación en función de x.

1. $20x^2 + 54x + 36 = 0$
 $(4x + 6)(5x + 6) = 0$
 $x = -1 \frac{1}{2}, -1 \frac{1}{5}$

7. $15x^2 + 51x + 42 = 0$
 $(3x + 6)(5x + 7) = 0$
 $x = -2, -1 \frac{2}{5}$

2. $21x^2 + 84x + 63 = 0$
 $(3x + 9)(7x + 7) = 0$
 $x = -3, -1$

8. $24x^2 + 72x + 54 = 0$
 $(6x + 9)(4x + 6) = 0$
 $x = -1 \frac{1}{2}$

3. $12x^2 + 41x + 35 = 0$
 $(3x + 5)(4x + 7) = 0$
 $x = -1 \frac{2}{3}, -1 \frac{3}{4}$

9. $14x^2 + 35x + 21 = 0$
 $(7x + 7)(2x + 3) = 0$
 $x = -1, -1 \frac{1}{2}$

4. $27x^2 + 99x + 54 = 0$
 $(9x + 6)(3x + 9) = 0$
 $x = -\frac{2}{3}, -3$

10. $6x^2 + 9x + 3 = 0$
 $(6x + 3)(x + 1) = 0$
 $x = -\frac{1}{2}, -1$

5. $63x^2 + 100x + 32 = 0$
 $(7x + 8)(9x + 4) = 0$
 $x = -1 \frac{1}{7}, -\frac{4}{9}$

11. $8x^2 + 32x + 24 = 0$
 $(8x + 8)(x + 3) = 0$
 $x = -1, -3$

6. $x^2 + 9x + 20 = 0$
 $(x + 5)(x + 4) = 0$
 $x = -5, -4$

12. $25x^2 + 30x + 5 = 0$
 $(5x + 5)(5x + 1) = 0$
 $x = -1, -\frac{1}{5}$