

Resolver Cuadráticas (C)

Resuelva cada ecuación en función de x.

1. $5x^2 + 9x + 4 = 0$

7. $10x^2 + 50x + 40 = 0$

2. $12x^2 + 51x + 45 = 0$

8. $25x^2 + 55x + 28 = 0$

3. $6x^2 + 63x + 81 = 0$

9. $6x^2 + 20x + 14 = 0$

4. $18x^2 + 24x + 6 = 0$

10. $5x^2 + 16x + 3 = 0$

5. $35x^2 + 89x + 56 = 0$

11. $54x^2 + 60x + 16 = 0$

6. $20x^2 + 43x + 21 = 0$

12. $6x^2 + 47x + 35 = 0$

Resolver Cuadráticas (C) Respuestas

Resuelva cada ecuación en función de x.

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

7. $10x^2 + 50x + 40 = 0$
 $(2x + 8)(5x + 5) = 0$
 $x = -4, -1$

2. $12x^2 + 51x + 45 = 0$
 $(4x + 5)(3x + 9) = 0$
 $x = -1\frac{1}{4}, -3$

8. $25x^2 + 55x + 28 = 0$
 $(5x + 4)(5x + 7) = 0$
 $x = -4/5, -1\frac{2}{5}$

3. $6x^2 + 63x + 81 = 0$
 $(6x + 9)(x + 9) = 0$
 $x = -1\frac{1}{2}, -9$

9. $6x^2 + 20x + 14 = 0$
 $(2x + 2)(3x + 7) = 0$
 $x = -1, -2\frac{1}{3}$

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

10. $5x^2 + 16x + 3 = 0$
 $(5x + 1)(x + 3) = 0$
 $x = -1/5, -3$

5. $35x^2 + 89x + 56 = 0$
 $(5x + 7)(7x + 8) = 0$
 $x = -1\frac{2}{5}, -1\frac{1}{7}$

11. $54x^2 + 60x + 16 = 0$
 $(6x + 4)(9x + 4) = 0$
 $x = -2/3, -4/9$

6. $20x^2 + 43x + 21 = 0$
 $(5x + 7)(4x + 3) = 0$
 $x = -1\frac{2}{5}, -3/4$

12. $6x^2 + 47x + 35 = 0$
 $(x + 7)(6x + 5) = 0$
 $x = -7, -5/6$