

Resolver Cuadráticas (I)

Resuelva cada ecuación en función de x.

1. $-35x^2 + 15x + 20 = 0$

7. $-20x^2 - 19x + 6 = 0$

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

8. $-16x^2 + 4x + 12 = 0$

3. $-18x^2 + 22x + 28 = 0$

9. $40x^2 - 58x + 12 = 0$

4. $-35x^2 + 38x + 45 = 0$

10. $21x^2 - 74x + 48 = 0$

5. $-6x^2 + 15x + 9 = 0$

11. $54x^2 + 51x + 12 = 0$

6. $8x^2 + 26x + 6 = 0$

12. $7x^2 + 62x + 48 = 0$

Resolver Cuadráticas (I) Respuestas

Resuelva cada ecuación en función de x.

1. $-35x^2 + 15x + 20 = 0$
 $-(5x - 5)(7x + 4) = 0$
 $x = 1, -4/7$

7. $-20x^2 - 19x + 6 = 0$
 $-(5x + 6)(4x - 1) = 0$
 $x = -1\frac{1}{5}, \frac{1}{4}$

2. $-64x^2 - 40x + 24 = 0$
 $(8x + 8)(8x - 3) = 0$
 $x = -1, \frac{3}{8}$

8. $-16x^2 + 4x + 12 = 0$
 $-(8x + 6)(2x - 2) = 0$
 $x = -\frac{3}{4}, 1$

3. $-18x^2 + 22x + 28 = 0$
 $(9x + 7)(2x - 4) = 0$
 $x = -\frac{7}{9}, 2$

9. $40x^2 - 58x + 12 = 0$
 $(5x - 6)(8x - 2) = 0$
 $x = 1\frac{1}{5}, \frac{1}{4}$

4. $-35x^2 + 38x + 45 = 0$
 $-(7x + 5)(5x - 9) = 0$
 $x = -\frac{5}{7}, 1\frac{4}{5}$

10. $21x^2 - 74x + 48 = 0$
 $(7x - 6)(3x - 8) = 0$
 $x = \frac{6}{7}, 2\frac{2}{3}$

5. $-6x^2 + 15x + 9 = 0$
 $(6x + 3)(x - 3) = 0$
 $x = -\frac{1}{2}, 3$

11. $54x^2 + 51x + 12 = 0$
 $(6x + 3)(9x + 4) = 0$
 $x = -\frac{1}{2}, -\frac{4}{9}$

6. $8x^2 + 26x + 6 = 0$
 $(4x + 1)(2x + 6) = 0$
 $x = -\frac{1}{4}, -3$

12. $7x^2 + 62x + 48 = 0$
 $(x + 8)(7x + 6) = 0$
 $x = -8, -\frac{6}{7}$