

Resolver Cuadráticas (I)

Resuelva cada ecuación en función de x.

1. $12x^2 + 40x + 32 = 0$

7. $18x^2 + 21x + 6 = 0$

2. $3x^2 + 19x + 20 = 0$

8. $40x^2 + 82x + 18 = 0$

3. $54x^2 + 117x + 63 = 0$

9. $36x^2 + 87x + 42 = 0$

4. $12x^2 + 36x + 27 = 0$

10. $6x^2 + 60x + 54 = 0$

5. $48x^2 + 114x + 63 = 0$

11. $32x^2 + 88x + 56 = 0$

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

12. $2x^2 + 16x + 30 = 0$

Resolver Cuadráticas (I) Respuestas

Resuelva cada ecuación en función de x.

1. $12x^2 + 40x + 32 = 0$
 $(6x + 8)(2x + 4) = 0$
 $x = -1 \frac{1}{3}, -2$

7. $18x^2 + 21x + 6 = 0$
 $(9x + 6)(2x + 1) = 0$
 $x = -\frac{2}{3}, -\frac{1}{2}$

2. $3x^2 + 19x + 20 = 0$
 $(3x + 4)(x + 5) = 0$
 $x = -1 \frac{1}{3}, -5$

8. $40x^2 + 82x + 18 = 0$
 $(8x + 2)(5x + 9) = 0$
 $x = -\frac{1}{4}, -1 \frac{4}{5}$

3. $54x^2 + 117x + 63 = 0$
 $(6x + 7)(9x + 9) = 0$
 $x = -1 \frac{1}{6}, -1$

9. $36x^2 + 87x + 42 = 0$
 $(9x + 6)(4x + 7) = 0$
 $x = -\frac{2}{3}, -1 \frac{3}{4}$

4. $12x^2 + 36x + 27 = 0$
 $(6x + 9)(2x + 3) = 0$
 $x = -1 \frac{1}{2}$

10. $6x^2 + 60x + 54 = 0$
 $(x + 9)(6x + 6) = 0$
 $x = -9, -1$

5. $48x^2 + 114x + 63 = 0$
 $(6x + 9)(8x + 7) = 0$
 $x = -1 \frac{1}{2}, -\frac{7}{8}$

11. $32x^2 + 88x + 56 = 0$
 $(4x + 7)(8x + 8) = 0$
 $x = -1 \frac{3}{4}, -1$

6. $18x^2 + 18x + 4 = 0$
 $(6x + 2)(3x + 2) = 0$
 $x = -\frac{1}{3}, -\frac{2}{3}$

12. $2x^2 + 16x + 30 = 0$
 $(2x + 6)(x + 5) = 0$
 $x = -3, -5$