

# Resolver Cuadráticas (I)

Resuelva cada ecuación en función de x.

1.  $2x^2 + 14x + 12 = 0$

7.  $4x^2 + 14x + 10 = 0$

2.  $2x^2 + 21x + 49 = 0$

8.  $x^2 + 10x + 21 = 0$

3.  $2x^2 + 24x + 54 = 0$

9.  $2x^2 + 16x + 24 = 0$

4.  $2x^2 + 17x + 35 = 0$

10.  $4x^2 + 18x + 18 = 0$

5.  $2x^2 + 19x + 9 = 0$

11.  $4x^2 + 12x + 8 = 0$

6.  $2x^2 + 11x + 12 = 0$

12.  $4x^2 + 20x + 25 = 0$

# Resolver Cuadráticas (I) Respuestas

Resuelva cada ecuación en función de x.

1.  $2x^2 + 14x + 12 = 0$   
 $(x + 6)(2x + 2) = 0$   
 $x = -6, -1$

7.  $4x^2 + 14x + 10 = 0$   
 $(2x + 5)(2x + 2) = 0$   
 $x = -2 \frac{1}{2}, -1$

2.  $2x^2 + 21x + 49 = 0$   
 $(x + 7)(2x + 7) = 0$   
 $x = -7, -3 \frac{1}{2}$

8.  $x^2 + 10x + 21 = 0$   
 $(x + 3)(x + 7) = 0$   
 $x = -3, -7$

3.  $2x^2 + 24x + 54 = 0$   
 $(x + 9)(2x + 6) = 0$   
 $x = -9, -3$

9.  $2x^2 + 16x + 24 = 0$   
 $(x + 6)(2x + 4) = 0$   
 $x = -6, -2$

4.  $2x^2 + 17x + 35 = 0$   
 $(x + 5)(2x + 7) = 0$   
 $x = -5, -3 \frac{1}{2}$

10.  $4x^2 + 18x + 18 = 0$   
 $(2x + 3)(2x + 6) = 0$   
 $x = -1 \frac{1}{2}, -3$

5.  $2x^2 + 19x + 9 = 0$   
 $(2x + 1)(x + 9) = 0$   
 $x = -\frac{1}{2}, -9$

11.  $4x^2 + 12x + 8 = 0$   
 $(2x + 4)(2x + 2) = 0$   
 $x = -2, -1$

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

12.  $4x^2 + 20x + 25 = 0$   
 $(2x + 5)(2x + 5) = 0$   
 $x = -2 \frac{1}{2}$