

# Resolver Cuadráticas (C)

Resuelva cada ecuación en función de x.

1.  $4x^2 + 16x + 16 = 0$

7.  $x^2 + 15x + 54 = 0$

2.  $2x^2 + 19x + 35 = 0$

8.  $2x^2 + 20x + 32 = 0$

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

9.  $x^2 + 14x + 48 = 0$

4.  $x^2 + 3x + 2 = 0$

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

5.  $x^2 + 9x + 14 = 0$

11.  $2x^2 + 21x + 40 = 0$

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

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

# Resolver Cuadráticas (C) Respuestas

Resuelva cada ecuación en función de x.

1.  $4x^2 + 16x + 16 = 0$   
 $(2x + 4)(2x + 4) = 0$   
 $x = -2$

7.  $x^2 + 15x + 54 = 0$   
 $(x + 6)(x + 9) = 0$   
 $x = -6, -9$

2.  $2x^2 + 19x + 35 = 0$   
 $(2x + 5)(x + 7) = 0$   
 $x = -2 \frac{1}{2}, -7$

8.  $2x^2 + 20x + 32 = 0$   
 $(2x + 4)(x + 8) = 0$   
 $x = -2, -8$

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

9.  $x^2 + 14x + 48 = 0$   
 $(x + 8)(x + 6) = 0$   
 $x = -8, -6$

4.  $x^2 + 3x + 2 = 0$   
 $(x + 2)(x + 1) = 0$   
 $x = -2, -1$

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

5.  $x^2 + 9x + 14 = 0$   
 $(x + 2)(x + 7) = 0$   
 $x = -2, -7$

11.  $2x^2 + 21x + 40 = 0$   
 $(x + 8)(2x + 5) = 0$   
 $x = -8, -2 \frac{1}{2}$

6.  $2x^2 + 14x + 20 = 0$   
 $(2x + 4)(x + 5) = 0$   
 $x = -2, -5$

12.  $2x^2 + 12x + 16 = 0$   
 $(x + 4)(2x + 4) = 0$   
 $x = -4, -2$