

# Resolver Cuadráticas (A)

Resuelva cada ecuación en función de x.

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

7.  $-2x^2 + x + 1 = 0$

2.  $-2x^2 - x + 28 = 0$

8.  $2x^2 + 19x + 9 = 0$

3.  $4x^2 - 30x + 56 = 0$

9.  $2x^2 - 6x + 4 = 0$

4.  $x^2 + 13x + 36 = 0$

10.  $-4x^2 - 8x + 32 = 0$

5.  $-x^2 + 3x + 40 = 0$

11.  $-4x^2 - 6x + 54 = 0$

6.  $-4x^2 + 10x + 24 = 0$

12.  $2x^2 - 15x + 18 = 0$

# Resolver Cuadráticas (A) Respuestas

Resuelva cada ecuación en función de x.

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

7.  $-2x^2 + x + 1 = 0$   
 $-(x - 1)(2x + 1) = 0$   
 $x = 1, -1/2$

2.  $-2x^2 - x + 28 = 0$   
 $(x + 4)(2x - 7) = 0$   
 $x = -4, 3\frac{1}{2}$

8.  $2x^2 + 19x + 9 = 0$   
 $(2x + 1)(x + 9) = 0$   
 $x = -1/2, -9$

3.  $4x^2 - 30x + 56 = 0$   
 $(2x - 7)(2x - 8) = 0$   
 $x = 3\frac{1}{2}, 4$

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

4.  $x^2 + 13x + 36 = 0$   
 $(x + 4)(x + 9) = 0$   
 $x = -4, -9$

10.  $-4x^2 - 8x + 32 = 0$   
 $-(2x + 8)(2x - 4) = 0$   
 $x = -4, 2$

5.  $-x^2 + 3x + 40 = 0$   
 $(x + 5)(x - 8) = 0$   
 $x = -5, 8$

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

6.  $-4x^2 + 10x + 24 = 0$   
 $(2x - 8)(2x + 3) = 0$   
 $x = 4, -1\frac{1}{2}$

12.  $2x^2 - 15x + 18 = 0$   
 $(x - 6)(2x - 3) = 0$   
 $x = 6, 1\frac{1}{2}$