

## Resolver Cuadráticas (E)

Resuelva cada ecuación en función de x.

1.  $6x^2 + 35x + 25 = 0$

7.  $81x^2 + 63x + 10 = 0$

2.  $45x^2 + 14x + 1 = 0$

8.  $10x^2 + 22x + 4 = 0$

3.  $45x^2 + 53x + 14 = 0$

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

4.  $15x^2 + 35x + 20 = 0$

10.  $42x^2 + 38x + 8 = 0$

5.  $56x^2 + 30x + 4 = 0$

11.  $4x^2 + 40x + 64 = 0$

6.  $18x^2 + 61x + 40 = 0$

12.  $8x^2 + 51x + 18 = 0$

# Resolver Cuadráticas (E) Respuestas

Resuelva cada ecuación en función de x.

1.  $6x^2 + 35x + 25 = 0$   
 $(x + 5)(6x + 5) = 0$   
 $x = -5, -5/6$

7.  $81x^2 + 63x + 10 = 0$   
 $(9x + 5)(9x + 2) = 0$   
 $x = -5/9, -2/9$

2.  $45x^2 + 14x + 1 = 0$   
 $(9x + 1)(5x + 1) = 0$   
 $x = -1/9, -1/5$

8.  $10x^2 + 22x + 4 = 0$   
 $(2x + 4)(5x + 1) = 0$   
 $x = -2, -1/5$

3.  $45x^2 + 53x + 14 = 0$   
 $(9x + 7)(5x + 2) = 0$   
 $x = -7/9, -2/5$

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

4.  $15x^2 + 35x + 20 = 0$   
 $(3x + 4)(5x + 5) = 0$   
 $x = -1\frac{1}{3}, -1$

10.  $42x^2 + 38x + 8 = 0$   
 $(7x + 4)(6x + 2) = 0$   
 $x = -4/7, -1/3$

5.  $56x^2 + 30x + 4 = 0$   
 $(8x + 2)(7x + 2) = 0$   
 $x = -1/4, -2/7$

11.  $4x^2 + 40x + 64 = 0$   
 $(4x + 8)(x + 8) = 0$   
 $x = -2, -8$

6.  $18x^2 + 61x + 40 = 0$   
 $(9x + 8)(2x + 5) = 0$   
 $x = -8/9, -2\frac{1}{2}$

12.  $8x^2 + 51x + 18 = 0$   
 $(x + 6)(8x + 3) = 0$   
 $x = -6, -3/8$