

# Resolver Cuadráticas (A)

Resuelva cada ecuación en función de x.

1.  $45x^2 + 79x + 30 = 0$

7.  $40x^2 + 101x + 63 = 0$

2.  $42x^2 + 40x + 8 = 0$

8.  $63x^2 + 73x + 20 = 0$

3.  $32x^2 + 80x + 48 = 0$

9.  $7x^2 + 51x + 14 = 0$

4.  $6x^2 + 27x + 27 = 0$

10.  $36x^2 + 42x + 12 = 0$

5.  $4x^2 + 25x + 6 = 0$

11.  $72x^2 + 129x + 54 = 0$

6.  $49x^2 + 77x + 30 = 0$

12.  $8x^2 + 71x + 56 = 0$

# Resolver Cuadráticas (A) Respuestas

Resuelva cada ecuación en función de x.

1.  $45x^2 + 79x + 30 = 0$   
 $(5x + 6)(9x + 5) = 0$   
 $x = -1 \frac{1}{5}, -\frac{5}{9}$

7.  $40x^2 + 101x + 63 = 0$   
 $(8x + 9)(5x + 7) = 0$   
 $x = -1 \frac{1}{8}, -1 \frac{2}{5}$

2.  $42x^2 + 40x + 8 = 0$   
 $(7x + 2)(6x + 4) = 0$   
 $x = -\frac{2}{7}, -\frac{2}{3}$

8.  $63x^2 + 73x + 20 = 0$   
 $(7x + 5)(9x + 4) = 0$   
 $x = -\frac{5}{7}, -\frac{4}{9}$

3.  $32x^2 + 80x + 48 = 0$   
 $(4x + 6)(8x + 8) = 0$   
 $x = -1 \frac{1}{2}, -1$

9.  $7x^2 + 51x + 14 = 0$   
 $(7x + 2)(x + 7) = 0$   
 $x = -\frac{2}{7}, -7$

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

10.  $36x^2 + 42x + 12 = 0$   
 $(9x + 6)(4x + 2) = 0$   
 $x = -\frac{2}{3}, -\frac{1}{2}$

5.  $4x^2 + 25x + 6 = 0$   
 $(4x + 1)(x + 6) = 0$   
 $x = -\frac{1}{4}, -6$

11.  $72x^2 + 129x + 54 = 0$   
 $(8x + 9)(9x + 6) = 0$   
 $x = -1 \frac{1}{8}, -\frac{2}{3}$

6.  $49x^2 + 77x + 30 = 0$   
 $(7x + 5)(7x + 6) = 0$   
 $x = -\frac{5}{7}, -\frac{6}{7}$

12.  $8x^2 + 71x + 56 = 0$   
 $(8x + 7)(x + 8) = 0$   
 $x = -\frac{7}{8}, -8$