

## Resolver Cuadráticas (B)

Resuelva cada ecuación en función de x.

1.  $64x^2 - 40x + 5 = -1$

7.  $48x^2 + 82x + 17 = -18$

2.  $28x^2 + 2x - 5 = 1$

8.  $5x^2 - 41x + 1 = -7$

3.  $54x^2 + 57x - 1 = 6$

9.  $36x^2 + 60x + 13 = -3$

4.  $36x^2 - 41x - 1 = 4$

10.  $10x^2 + 12x - 25 = 29$

5.  $48x^2 - 50x - 6 = 1$

11.  $36x^2 + 65x - 22 = 14$

6.  $81x^2 - 81x + 12 = -2$

12.  $12x^2 + 27x = -6$

# Resolver Cuadráticas (B) Respuestas

Resuelva cada ecuación en función de x.

1.  $64x^2 - 40x + 5 = -1$   
 $64x^2 - 40x + 6 = 0$   
 $(8x - 2)(8x - 3) = 0$   
 $x = 1/4, 3/8$

2.  $28x^2 + 2x - 5 = 1$   
 $28x^2 + 2x - 6 = 0$   
 $(4x + 2)(7x - 3) = 0$   
 $x = -1/2, 3/7$

3.  $54x^2 + 57x - 1 = 6$   
 $54x^2 + 57x - 7 = 0$   
 $(9x - 1)(6x + 7) = 0$   
 $x = 1/9, -1\ 1/6$

4.  $36x^2 - 41x - 1 = 4$   
 $36x^2 - 41x - 5 = 0$   
 $(4x - 5)(9x + 1) = 0$   
 $x = 1\ 1/4, -1/9$

5.  $48x^2 - 50x - 6 = 1$   
 $48x^2 - 50x - 7 = 0$   
 $(8x + 1)(6x - 7) = 0$   
 $x = -1/8, 1\ 1/6$

6.  $81x^2 - 81x + 12 = -2$   
 $81x^2 - 81x + 14 = 0$   
 $(9x - 7)(9x - 2) = 0$   
 $x = 7/9, 2/9$

7.  $48x^2 + 82x + 17 = -18$   
 $48x^2 + 82x + 35 = 0$   
 $(6x + 5)(8x + 7) = 0$   
 $x = -5/6, -7/8$

8.  $5x^2 - 41x + 1 = -7$   
 $5x^2 - 41x + 8 = 0$   
 $(x - 8)(5x - 1) = 0$   
 $x = 8, 1/5$

9.  $36x^2 + 60x + 13 = -3$   
 $36x^2 + 60x + 16 = 0$   
 $(6x + 8)(6x + 2) = 0$   
 $x = -1\ 1/3, -1/3$

10.  $10x^2 + 12x - 25 = 29$   
 $10x^2 + 12x - 54 = 0$   
 $(5x - 9)(2x + 6) = 0$   
 $x = 1\ 4/5, -3$

11.  $36x^2 + 65x - 22 = 14$   
 $36x^2 + 65x - 36 = 0$   
 $(9x - 4)(4x + 9) = 0$   
 $x = 4/9, -2\ 1/4$

12.  $12x^2 + 27x = -6$   
 $12x^2 + 27x + 6 = 0$   
 $(4x + 1)(3x + 6) = 0$   
 $x = -1/4, -2$