

Resolver Cuadráticas (E)

Resuelva cada ecuación en función de x.

1. $2x^2 + 14x - 6 = 10$

7. $2x^2 + 4x - 38 = 10$

2. $x^2 - 5x - 6 = 8$

8. $2x^2 + 15x - 15 = 12$

3. $2x^2 + 15x = -7$

9. $2x^2 + 6x - 4 = 32$

4. $2x^2 - 22x + 15 = -21$

10. $4x^2 - 2x - 16 = 4$

5. $2x^2 - 12x + 8 = -10$

11. $2x^2 + 9x - 1 = 4$

6. $2x^2 + 16x + 26 = -4$

12. $2x^2 - 20x + 7 = -41$

Resolver Cuadráticas (E) Respuestas

Resuelva cada ecuación en función de x.

1. $2x^2 + 14x - 6 = 10$
 $2x^2 + 14x - 16 = 0$
 $(2x - 2)(x + 8) = 0$
 $x = 1, -8$

2. $x^2 - 5x - 6 = 8$
 $x^2 - 5x - 14 = 0$
 $(x + 2)(x - 7) = 0$
 $x = -2, 7$

3. $2x^2 + 15x = -7$
 $2x^2 + 15x + 7 = 0$
 $(2x + 1)(x + 7) = 0$
 $x = -1/2, -7$

4. $2x^2 - 22x + 15 = -21$
 $2x^2 - 22x + 36 = 0$
 $(x - 9)(2x - 4) = 0$
 $x = 9, 2$

5. $2x^2 - 12x + 8 = -10$
 $2x^2 - 12x + 18 = 0$
 $(2x - 6)(x - 3) = 0$
 $x = 3$

6. $2x^2 + 16x + 26 = -4$
 $2x^2 + 16x + 30 = 0$
 $(2x + 6)(x + 5) = 0$
 $x = -3, -5$

7. $2x^2 + 4x - 38 = 10$
 $2x^2 + 4x - 48 = 0$
 $(x + 6)(2x - 8) = 0$
 $x = -6, 4$

8. $2x^2 + 15x - 15 = 12$
 $2x^2 + 15x - 27 = 0$
 $(2x - 3)(x + 9) = 0$
 $x = 1\ 1/2, -9$

9. $2x^2 + 6x - 4 = 32$
 $2x^2 + 6x - 36 = 0$
 $(x + 6)(2x - 6) = 0$
 $x = -6, 3$

10. $4x^2 - 2x - 16 = 4$
 $4x^2 - 2x - 20 = 0$
 $(2x - 5)(2x + 4) = 0$
 $x = 2\ 1/2, -2$

11. $2x^2 + 9x - 1 = 4$
 $2x^2 + 9x - 5 = 0$
 $(2x - 1)(x + 5) = 0$
 $x = 1/2, -5$

12. $2x^2 - 20x + 7 = -41$
 $2x^2 - 20x + 48 = 0$
 $(2x - 8)(x - 6) = 0$
 $x = 4, 6$