

Resolver Cuadráticas (G)

Resuelva cada ecuación en función de x.

1. $x^2 + 11x + 14 = -4$

7. $2x^2 - 27x + 8 = -73$

2. $4x^2 + 18x + 14 = -6$

8. $2x^2 + x - 22 = 6$

3. $2x^2 + x - 2 = 26$

9. $x^2 - 13x + 36 = 0$

4. $2x^2 - 27 = 5$

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

5. $2x^2 + 3x - 30 = 5$

11. $2x^2 + 3x - 41 = 13$

6. $x^2 + 10x + 21 = 0$

12. $2x^2 - 13x - 17 = 7$

Resolver Cuadráticas (G) Respuestas

Resuelva cada ecuación en función de x.

1. $x^2 + 11x + 14 = -4$
 $x^2 + 11x + 18 = 0$
 $(x + 9)(x + 2) = 0$
 $x = -9, -2$

2. $4x^2 + 18x + 14 = -6$
 $4x^2 + 18x + 20 = 0$
 $(2x + 4)(2x + 5) = 0$
 $x = -2, -2 \frac{1}{2}$

3. $2x^2 + x - 2 = 26$
 $2x^2 + x - 28 = 0$
 $(x + 4)(2x - 7) = 0$
 $x = -4, 3 \frac{1}{2}$

4. $2x^2 - 27 = 5$
 $2x^2 - 32 = 0$
 $(2x - 8)(x + 4) = 0$
 $x = 4, -4$

5. $2x^2 + 3x - 30 = 5$
 $2x^2 + 3x - 35 = 0$
 $(2x - 7)(x + 5) = 0$
 $x = 3 \frac{1}{2}, -5$

6. $x^2 + 10x + 21 = 0$
 $x^2 + 10x + 21 = 0$
 $(x + 7)(x + 3) = 0$
 $x = -7, -3$

7. $2x^2 - 27x + 8 = -73$
 $2x^2 - 27x + 81 = 0$
 $(2x - 9)(x - 9) = 0$
 $x = 4 \frac{1}{2}, 9$

8. $2x^2 + x - 22 = 6$
 $2x^2 + x - 28 = 0$
 $(2x - 7)(x + 4) = 0$
 $x = 3 \frac{1}{2}, -4$

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

10. $2x^2 + 10x - 10 = 38$
 $2x^2 + 10x - 48 = 0$
 $(x + 8)(2x - 6) = 0$
 $x = -8, 3$

11. $2x^2 + 3x - 41 = 13$
 $2x^2 + 3x - 54 = 0$
 $(x + 6)(2x - 9) = 0$
 $x = -6, 4 \frac{1}{2}$

12. $2x^2 - 13x - 17 = 7$
 $2x^2 - 13x - 24 = 0$
 $(x - 8)(2x + 3) = 0$
 $x = 8, -1 \frac{1}{2}$