

Resolver Cuadráticas (H)

Resuelva cada ecuación en función de x.

1. $4x^2 + 18x + 18 = 0$

7. $x^2 + 10x + 25 = 0$

2. $2x^2 + 14x + 24 = 0$

8. $x^2 + 10x + 16 = 0$

3. $2x^2 + 23x + 45 = 0$

9. $4x^2 + 14x + 6 = 0$

4. $4x^2 + 18x + 14 = 0$

10. $2x^2 + 9x + 10 = 0$

5. $2x^2 + 21x + 49 = 0$

11. $4x^2 + 28x + 45 = 0$

6. $2x^2 + 10x + 8 = 0$

12. $x^2 + 17x + 72 = 0$

Resolver Cuadráticas (H) Respuestas

Resuelva cada ecuación en función de x.

1. $4x^2 + 18x + 18 = 0$
 $(2x + 6)(2x + 3) = 0$
 $x = -3, -1 \frac{1}{2}$

7. $x^2 + 10x + 25 = 0$
 $(x + 5)(x + 5) = 0$
 $x = -5$

2. $2x^2 + 14x + 24 = 0$
 $(2x + 8)(x + 3) = 0$
 $x = -4, -3$

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

3. $2x^2 + 23x + 45 = 0$
 $(2x + 5)(x + 9) = 0$
 $x = -2 \frac{1}{2}, -9$

9. $4x^2 + 14x + 6 = 0$
 $(2x + 1)(2x + 6) = 0$
 $x = -\frac{1}{2}, -3$

4. $4x^2 + 18x + 14 = 0$
 $(2x + 2)(2x + 7) = 0$
 $x = -1, -3 \frac{1}{2}$

10. $2x^2 + 9x + 10 = 0$
 $(2x + 5)(x + 2) = 0$
 $x = -2 \frac{1}{2}, -2$

5. $2x^2 + 21x + 49 = 0$
 $(x + 7)(2x + 7) = 0$
 $x = -7, -3 \frac{1}{2}$

11. $4x^2 + 28x + 45 = 0$
 $(2x + 5)(2x + 9) = 0$
 $x = -2 \frac{1}{2}, -4 \frac{1}{2}$

6. $2x^2 + 10x + 8 = 0$
 $(2x + 8)(x + 1) = 0$
 $x = -4, -1$

12. $x^2 + 17x + 72 = 0$
 $(x + 9)(x + 8) = 0$
 $x = -9, -8$