

Resolver Cuadráticas (D)

Resuelva cada ecuación en función de x.

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

7. $x^2 + 18x + 81 = 0$

2. $4x^2 + 20x + 24 = 0$

8. $2x^2 + 20x + 32 = 0$

3. $x^2 + 5x + 6 = 0$

9. $x^2 + 11x + 24 = 0$

4. $2x^2 + 10x + 12 = 0$

10. $2x^2 + 15x + 28 = 0$

5. $x^2 + 12x + 36 = 0$

11. $2x^2 + 26x + 72 = 0$

6. $4x^2 + 30x + 54 = 0$

12. $2x^2 + 23x + 45 = 0$

Resolver Cuadráticas (D) Respuestas

Resuelva cada ecuación en función de x.

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

$(x + 2)(x + 4) = 0$

$x = -2, -4$

7. $x^2 + 18x + 81 = 0$

$(x + 9)(x + 9) = 0$

$x = -9$

2. $4x^2 + 20x + 24 = 0$

$(2x + 6)(2x + 4) = 0$

$x = -3, -2$

8. $2x^2 + 20x + 32 = 0$

$(x + 8)(2x + 4) = 0$

$x = -8, -2$

3. $x^2 + 5x + 6 = 0$

$(x + 2)(x + 3) = 0$

$x = -2, -3$

9. $x^2 + 11x + 24 = 0$

$(x + 3)(x + 8) = 0$

$x = -3, -8$

4. $2x^2 + 10x + 12 = 0$

$(2x + 6)(x + 2) = 0$

$x = -3, -2$

10. $2x^2 + 15x + 28 = 0$

$(2x + 7)(x + 4) = 0$

$x = -3 \frac{1}{2}, -4$

5. $x^2 + 12x + 36 = 0$

$(x + 6)(x + 6) = 0$

$x = -6$

11. $2x^2 + 26x + 72 = 0$

$(2x + 8)(x + 9) = 0$

$x = -4, -9$

6. $4x^2 + 30x + 54 = 0$

$(2x + 9)(2x + 6) = 0$

$x = -4 \frac{1}{2}, -3$

12. $2x^2 + 23x + 45 = 0$

$(x + 9)(2x + 5) = 0$

$x = -9, -2 \frac{1}{2}$