

Resolver Cuadráticas (D)

Resuelva cada ecuación en función de x.

1. $7x^2 + 28x + 21 = 0$

7. $2x^2 + 16x + 30 = 0$

2. $45x^2 + 33x + 6 = 0$

8. $81x^2 + 135x + 54 = 0$

3. $7x^2 + 61x + 40 = 0$

9. $4x^2 + 8x + 3 = 0$

4. $45x^2 + 116x + 63 = 0$

10. $14x^2 + 65x + 9 = 0$

5. $72x^2 + 52x + 8 = 0$

11. $5x^2 + 23x + 12 = 0$

6. $36x^2 + 60x + 16 = 0$

12. $4x^2 + 17x + 15 = 0$

Resolver Cuadráticas (D) Respuestas

Resuelva cada ecuación en función de x.

1. $7x^2 + 28x + 21 = 0$
 $(x + 3)(7x + 7) = 0$
 $x = -3, -1$

7. $2x^2 + 16x + 30 = 0$
 $(2x + 6)(x + 5) = 0$
 $x = -3, -5$

2. $45x^2 + 33x + 6 = 0$
 $(5x + 2)(9x + 3) = 0$
 $x = -2/5, -1/3$

8. $81x^2 + 135x + 54 = 0$
 $(9x + 9)(9x + 6) = 0$
 $x = -1, -2/3$

3. $7x^2 + 61x + 40 = 0$
 $(x + 8)(7x + 5) = 0$
 $x = -8, -5/7$

9. $4x^2 + 8x + 3 = 0$
 $(2x + 3)(2x + 1) = 0$
 $x = -1\ 1/2, -1/2$

4. $45x^2 + 116x + 63 = 0$
 $(5x + 9)(9x + 7) = 0$
 $x = -1\ 4/5, -7/9$

10. $14x^2 + 65x + 9 = 0$
 $(2x + 9)(7x + 1) = 0$
 $x = -4\ 1/2, -1/7$

5. $72x^2 + 52x + 8 = 0$
 $(8x + 4)(9x + 2) = 0$
 $x = -1/2, -2/9$

11. $5x^2 + 23x + 12 = 0$
 $(x + 4)(5x + 3) = 0$
 $x = -4, -3/5$

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

12. $4x^2 + 17x + 15 = 0$
 $(x + 3)(4x + 5) = 0$
 $x = -3, -1\ 1/4$