Resolver Cuadráticas (A)

Resuelva cada ecuación en función de x.

1. $x^2 + 9x + 14 = 0$

2. $x^2 + 7x + 6 = 0$

3. $2x^2 + 14x + 20 = 0$

4. $2x^2 + 15x + 18 = 0$

5. $4x^2 + 20x + 24 = 0$

6. $2x^2 + 17x + 36 = 0$

7. $2x^2 + 23x + 56 = 0$

8. $4x^2 + 18x + 14 = 0$

9. $x^2 + 14x + 48 = 0$

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

11. $4x^2 + 10x + 6 = 0$

12. $2x^2 + 15x + 28 = 0$

Resolver Cuadráticas (A) Respuestas

Resuelva cada ecuación en función de x.

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

2. $x^2 + 7x + 6 = 0$
   $(x + 6)(x + 1) = 0$
   $x = -6\ ,\ -1$

3. $2x^2 + 14x + 20 = 0$
   $(2x + 4)(x + 5) = 0$
   $x = -2\ ,\ -5$

4. $2x^2 + 15x + 18 = 0$
   $(2x + 3)(x + 6) = 0$
   $x = -1\ 1/2,\ -6$

5. $4x^2 + 20x + 24 = 0$
   $(2x + 6)(2x + 4) = 0$
   $x = -3\ ,\ -2$

6. $2x^2 + 17x + 36 = 0$
   $(2x + 9)(x + 4) = 0$
   $x = -4\ 1/2,\ -4$

7. $2x^2 + 23x + 56 = 0$
   $(x + 8)(2x + 7) = 0$
   $x = -8\ ,\ -3\ 1/2$

8. $4x^2 + 18x + 14 = 0$
   $(2x + 7)(2x + 2) = 0$
   $x = -3\ 1/2,\ -1$

9. $x^2 + 14x + 48 = 0$
   $(x + 6)(x + 8) = 0$
   $x = -6\ ,\ -8$

10. $2x^2 + 9x + 9 = 0$
    $(x + 3)(2x + 3) = 0$
    $x = -3\ ,\ -1\ 1/2$

11. $4x^2 + 10x + 6 = 0$
    $(2x + 3)(2x + 2) = 0$
    $x = -1\ 1/2,\ -1$

12. $2x^2 + 15x + 28 = 0$
    $(x + 4)(2x + 7) = 0$
    $x = -4\ ,\ -3\ 1/2$

Resolver Cuadráticas (B)

Resuelva cada ecuación en función de x.

1. $2x^2 + 6x + 4 = 0$

2. $2x^2 + 9x + 7 = 0$

3. $2x^2 + 21x + 54 = 0$

4. $4x^2 + 16x + 12 = 0$

5. $4x^2 + 18x + 18 = 0$

6. $x^2 + 13x + 40 = 0$

7. $2x^2 + 23x + 56 = 0$

8. $2x^2 + 21x + 49 = 0$

9. $2x^2 + 21x + 49 = 0$

10. $x^2 + 7x + 12 = 0$

11. $2x^2 + 16x + 30 = 0$

12. $x^2 + 3x + 2 = 0$

Resolver Cuadráticas (B) Respuestas

Resuelva cada ecuación en función de x.

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

2. $2x^2 + 9x + 7 = 0$
   $(2x + 7)(x + 1) = 0$
   $x = -3\ 1/2,\ -1$

3. $2x^2 + 21x + 54 = 0$
   $(2x + 9)(x + 6) = 0$
   $x = -4\ 1/2,\ -6$

4. $4x^2 + 16x + 12 = 0$
   $(2x + 6)(2x + 2) = 0$
   $x = -3\ ,\ -1$

5. $4x^2 + 18x + 18 = 0$
   $(2x + 6)(2x + 3) = 0$
   $x = -3\ ,\ -1\ 1/2$

6. $x^2 + 13x + 40 = 0$
   $(x + 5)(x + 8) = 0$
   $x = -5\ ,\ -8$

7. $2x^2 + 23x + 56 = 0$
   $(2x + 7)(x + 8) = 0$
   $x = -3\ 1/2,\ -8$

8. $2x^2 + 21x + 49 = 0$
   $(x + 7)(2x + 7) = 0$
   $x = -7\ ,\ -3\ 1/2$

9. $2x^2 + 21x + 49 = 0$
   $(2x + 7)(x + 7) = 0$
   $x = -3\ 1/2,\ -7$

10. $x^2 + 7x + 12 = 0$
    $(x + 3)(x + 4) = 0$
    $x = -3\ ,\ -4$

11. $2x^2 + 16x + 30 = 0$
    $(x + 5)(2x + 6) = 0$
    $x = -5\ ,\ -3$

12. $x^2 + 3x + 2 = 0$
    $(x + 1)(x + 2) = 0$
    $x = -1\ ,\ -2$

Resolver Cuadráticas (C)

Resuelva cada ecuación en función de x.

1. $4x^2 + 16x + 16 = 0$

2. $2x^2 + 19x + 35 = 0$

3. $x^2 + 9x + 20 = 0$

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

5. $x^2 + 9x + 14 = 0$

6. $2x^2 + 14x + 20 = 0$

7. $x^2 + 15x + 54 = 0$

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

9. $x^2 + 14x + 48 = 0$

10. $x^2 + 3x + 2 = 0$

11. $2x^2 + 21x + 40 = 0$

12. $2x^2 + 12x + 16 = 0$

Resolver Cuadráticas (C) Respuestas

Resuelva cada ecuación en función de x.

1. $4x^2 + 16x + 16 = 0$
   $(2x + 4)(2x + 4) = 0$
   $x = -2$

2. $2x^2 + 19x + 35 = 0$
   $(2x + 5)(x + 7) = 0$
   $x = -2\ 1/2,\ -7$

3. $x^2 + 9x + 20 = 0$
   $(x + 4)(x + 5) = 0$
   $x = -4\ ,\ -5$

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

5. $x^2 + 9x + 14 = 0$
   $(x + 2)(x + 7) = 0$
   $x = -2\ ,\ -7$

6. $2x^2 + 14x + 20 = 0$
   $(2x + 4)(x + 5) = 0$
   $x = -2\ ,\ -5$

7. $x^2 + 15x + 54 = 0$
   $(x + 6)(x + 9) = 0$
   $x = -6\ ,\ -9$

8. $2x^2 + 20x + 32 = 0$
   $(2x + 4)(x + 8) = 0$
   $x = -2\ ,\ -8$

9. $x^2 + 14x + 48 = 0$
   $(x + 8)(x + 6) = 0$
   $x = -8\ ,\ -6$

10. $x^2 + 3x + 2 = 0$
    $(x + 1)(x + 2) = 0$
    $x = -1\ ,\ -2$

11. $2x^2 + 21x + 40 = 0$
    $(x + 8)(2x + 5) = 0$
    $x = -8\ ,\ -2\ 1/2$

12. $2x^2 + 12x + 16 = 0$
    $(x + 4)(2x + 4) = 0$
    $x = -4\ ,\ -2$

Resolver Cuadráticas (D)

Resuelva cada ecuación en función de x.

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

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

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

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

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

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

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

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

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

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

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

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

Resolver Cuadráticas (D) Respuestas

Resuelva cada ecuación en función de x.

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

2. $4x^2 + 20x + 24 = 0$
   $(2x + 6)(2x + 4) = 0$
   $x = -3\ ,\ -2$

3. $x^2 + 5x + 6 = 0$
   $(x + 2)(x + 3) = 0$
   $x = -2\ ,\ -3$

4. $2x^2 + 10x + 12 = 0$
   $(2x + 6)(x + 2) = 0$
   $x = -3\ ,\ -2$

5. $x^2 + 12x + 36 = 0$
   $(x + 6)(x + 6) = 0$
   $x = -6$

6. $4x^2 + 30x + 54 = 0$
   $(2x + 9)(2x + 6) = 0$
   $x = -4\ 1/2,\ -3$

7. $x^2 + 18x + 81 = 0$
   $(x + 9)(x + 9) = 0$
   $x = -9$

8. $2x^2 + 20x + 32 = 0$
   $(x + 8)(2x + 4) = 0$
   $x = -8\ ,\ -2$

9. $x^2 + 11x + 24 = 0$
   $(x + 3)(x + 8) = 0$
   $x = -3\ ,\ -8$

10. $2x^2 + 15x + 28 = 0$
    $(2x + 7)(x + 4) = 0$
    $x = -3\ 1/2,\ -4$

11. $2x^2 + 26x + 72 = 0$
    $(2x + 8)(x + 9) = 0$
    $x = -4\ ,\ -9$

12. $2x^2 + 23x + 45 = 0$
    $(x + 9)(2x + 5) = 0$
    $x = -9\ ,\ -2\ 1/2$

Resolver Cuadráticas (E)

Resuelva cada ecuación en función de x.

1. $4x^2 + 16x + 7 = 0$

2. $4x^2 + 18x + 8 = 0$

3. $2x^2 + 16x + 24 = 0$

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

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

6. $2x^2 + 9x + 7 = 0$

7. $2x^2 + 20x + 48 = 0$

8. $4x^2 + 32x + 64 = 0$

9. $4x^2 + 30x + 56 = 0$

10. $2x^2 + 13x + 21 = 0$

11. $2x^2 + 23x + 63 = 0$

12. $2x^2 + 22x + 56 = 0$

Resolver Cuadráticas (E) Respuestas

Resuelva cada ecuación en función de x.

1. $4x^2 + 16x + 7 = 0$
   $(2x + 1)(2x + 7) = 0$
   $x = -1/2,\ -3\ 1/2$

2. $4x^2 + 18x + 8 = 0$
   $(2x + 1)(2x + 8) = 0$
   $x = -1/2,\ -4$

3. $2x^2 + 16x + 24 = 0$
   $(2x + 4)(x + 6) = 0$
   $x = -2\ ,\ -6$

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

5. $x^2 + 6x + 8 = 0$
   $(x + 4)(x + 2) = 0$
   $x = -4\ ,\ -2$

6. $2x^2 + 9x + 7 = 0$
   $(2x + 7)(x + 1) = 0$
   $x = -3\ 1/2,\ -1$

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

8. $4x^2 + 32x + 64 = 0$
   $(2x + 8)(2x + 8) = 0$
   $x = -4$

9. $4x^2 + 30x + 56 = 0$
   $(2x + 7)(2x + 8) = 0$
   $x = -3\ 1/2,\ -4$

10. $2x^2 + 13x + 21 = 0$
    $(2x + 7)(x + 3) = 0$
    $x = -3\ 1/2,\ -3$

11. $2x^2 + 23x + 63 = 0$
    $(x + 7)(2x + 9) = 0$
    $x = -7\ ,\ -4\ 1/2$

12. $2x^2 + 22x + 56 = 0$
    $(2x + 8)(x + 7) = 0$
    $x = -4\ ,\ -7$

Resolver Cuadráticas (F)

Resuelva cada ecuación en función de x.

1. $2x^2 + 16x + 24 = 0$

2. $4x^2 + 32x + 63 = 0$

3. $x^2 + 9x + 18 = 0$

4. $4x^2 + 24x + 35 = 0$

5. $2x^2 + 9x + 9 = 0$

6. $x^2 + 9x + 20 = 0$

7. $x^2 + 11x + 30 = 0$

8. $x^2 + 7x + 12 = 0$

9. $2x^2 + 15x + 28 = 0$

10. $2x^2 + 13x + 18 = 0$

11. $2x^2 + 13x + 20 = 0$

12. $2x^2 + 13x + 20 = 0$

Resolver Cuadráticas (F) Respuestas

Resuelva cada ecuación en función de x.

1. $2x^2 + 16x + 24 = 0$
   $(2x + 4)(x + 6) = 0$
   $x = -2\ ,\ -6$

2. $4x^2 + 32x + 63 = 0$
   $(2x + 9)(2x + 7) = 0$
   $x = -4\ 1/2,\ -3\ 1/2$

3. $x^2 + 9x + 18 = 0$
   $(x + 6)(x + 3) = 0$
   $x = -6\ ,\ -3$

4. $4x^2 + 24x + 35 = 0$
   $(2x + 5)(2x + 7) = 0$
   $x = -2\ 1/2,\ -3\ 1/2$

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

6. $x^2 + 9x + 20 = 0$
   $(x + 4)(x + 5) = 0$
   $x = -4\ ,\ -5$

7. $x^2 + 11x + 30 = 0$
   $(x + 5)(x + 6) = 0$
   $x = -5\ ,\ -6$

8. $x^2 + 7x + 12 = 0$
   $(x + 3)(x + 4) = 0$
   $x = -3\ ,\ -4$

9. $2x^2 + 15x + 28 = 0$
   $(2x + 7)(x + 4) = 0$
   $x = -3\ 1/2,\ -4$

10. $2x^2 + 13x + 18 = 0$
    $(2x + 9)(x + 2) = 0$
    $x = -4\ 1/2,\ -2$

11. $2x^2 + 13x + 20 = 0$
    $(x + 4)(2x + 5) = 0$
    $x = -4\ ,\ -2\ 1/2$

12. $2x^2 + 13x + 20 = 0$
    $(x + 4)(2x + 5) = 0$
    $x = -4\ ,\ -2\ 1/2$

Resolver Cuadráticas (G)

Resuelva cada ecuación en función de x.

1. $x^2 + 11x + 30 = 0$

2. $4x^2 + 30x + 56 = 0$

3. $4x^2 + 6x + 2 = 0$

4. $2x^2 + 16x + 30 = 0$

5. $2x^2 + 4x + 2 = 0$

6. $x^2 + 14x + 45 = 0$

7. $2x^2 + 14x + 12 = 0$

8. $2x^2 + 11x + 5 = 0$

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

10. $2x^2 + 21x + 49 = 0$

11. $x^2 + 5x + 4 = 0$

12. $4x^2 + 14x + 12 = 0$

Resolver Cuadráticas (G) Respuestas

Resuelva cada ecuación en función de x.

1. $x^2 + 11x + 30 = 0$
   $(x + 5)(x + 6) = 0$
   $x = -5\ ,\ -6$

2. $4x^2 + 30x + 56 = 0$
   $(2x + 7)(2x + 8) = 0$
   $x = -3\ 1/2,\ -4$

3. $4x^2 + 6x + 2 = 0$
   $(2x + 1)(2x + 2) = 0$
   $x = -\ 1/2,\ -1$

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

5. $2x^2 + 4x + 2 = 0$
   $(x + 1)(2x + 2) = 0$
   $x = -1$

6. $x^2 + 14x + 45 = 0$
   $(x + 9)(x + 5) = 0$
   $x = -9\ ,\ -5$

7. $2x^2 + 14x + 12 = 0$
   $(x + 6)(2x + 2) = 0$
   $x = -6\ ,\ -1$

8. $2x^2 + 11x + 5 = 0$
   $(x + 5)(2x + 1) = 0$
   $x = -5\ ,\ -\ 1/2$

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

10. $2x^2 + 21x + 49 = 0$
    $(x + 7)(2x + 7) = 0$
    $x = -7\ ,\ -3\ 1/2$

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

12. $4x^2 + 14x + 12 = 0$
    $(2x + 3)(2x + 4) = 0$
    $x = -1\ 1/2,\ -2$

Resolver Cuadráticas (H)

Resuelva cada ecuación en función de x.

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

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

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

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

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

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

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

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

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

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

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

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

Resolver Cuadráticas (H) Respuestas

Resuelva cada ecuación en función de x.

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

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

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

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

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

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

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

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

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

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

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

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

Resolver Cuadráticas (I)

Resuelva cada ecuación en función de x.

1. $2x^2 + 14x + 12 = 0$

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

3. $2x^2 + 24x + 54 = 0$

4. $2x^2 + 17x + 35 = 0$

5. $2x^2 + 19x + 9 = 0$

6. $2x^2 + 11x + 12 = 0$

7. $4x^2 + 14x + 10 = 0$

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

9. $2x^2 + 16x + 24 = 0$

10. $4x^2 + 18x + 18 = 0$

11. $4x^2 + 12x + 8 = 0$

12. $4x^2 + 20x + 25 = 0$

Resolver Cuadráticas (I) Respuestas

Resuelva cada ecuación en función de x.

1. $2x^2 + 14x + 12 = 0$
   $(x + 6)(2x + 2) = 0$
   $x = -6\ ,\ -1$

2. $2x^2 + 21x + 49 = 0$
   $(x + 7)(2x + 7) = 0$
   $x = -7\ ,\ -3\ 1/2$

3. $2x^2 + 24x + 54 = 0$
   $(x + 9)(2x + 6) = 0$
   $x = -9\ ,\ -3$

4. $2x^2 + 17x + 35 = 0$
   $(x + 5)(2x + 7) = 0$
   $x = -5\ ,\ -3\ 1/2$

5. $2x^2 + 19x + 9 = 0$
   $(2x + 1)(x + 9) = 0$
   $x = -\ 1/2,\ -9$

6. $2x^2 + 11x + 12 = 0$
   $(x + 4)(2x + 3) = 0$
   $x = -4\ ,\ -1\ 1/2$

7. $4x^2 + 14x + 10 = 0$
   $(2x + 5)(2x + 2) = 0$
   $x = -2\ 1/2,\ -1$

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

9. $2x^2 + 16x + 24 = 0$
   $(x + 6)(2x + 4) = 0$
   $x = -6\ ,\ -2$

10. $4x^2 + 18x + 18 = 0$
    $(2x + 3)(2x + 6) = 0$
    $x = -1\ 1/2,\ -3$

11. $4x^2 + 12x + 8 = 0$
    $(2x + 4)(2x + 2) = 0$
    $x = -2\ ,\ -1$

12. $4x^2 + 20x + 25 = 0$
    $(2x + 5)(2x + 5) = 0$
    $x = -2\ 1/2$

Resolver Cuadráticas (J)

Resuelva cada ecuación en función de x.

1. $2x^2 + 9x + 7 = 0$

2. $2x^2 + 13x + 6 = 0$

3. $x^2 + 12x + 27 = 0$

4. $2x^2 + 11x + 12 = 0$

5. $4x^2 + 20x + 9 = 0$

6. $4x^2 + 28x + 49 = 0$

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

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

9. $2x^2 + 7x + 3 = 0$

10. $2x^2 + 17x + 8 = 0$

11. $x^2 + 9x + 14 = 0$

12. $4x^2 + 26x + 42 = 0$

Resolver Cuadráticas (J) Respuestas

Resuelva cada ecuación en función de x.

1. $2x^2 + 9x + 7 = 0$
   $(2x + 7)(x + 1) = 0$
   $x = -3\ 1/2,\ \ -1$

2. $2x^2 + 13x + 6 = 0$
   $(2x + 1)(x + 6) = 0$
   $x = -\ 1/2,\ \ -6$

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

4. $2x^2 + 11x + 12 = 0$
   $(x + 4)(2x + 3) = 0$
   $x = -4\ ,\ \ -1\ 1/2$

5. $4x^2 + 20x + 9 = 0$
   $(2x + 9)(2x + 1) = 0$
   $x = -4\ 1/2,\ \ -\ 1/2$

6. $4x^2 + 28x + 49 = 0$
   $(2x + 7)(2x + 7) = 0$
   $x = -3\ 1/2$

7. $x^2 + 2x + 1 = 0$
   $(x + 1)(x + 1) = 0$
   $x = -1$

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

9. $2x^2 + 7x + 3 = 0$
   $(2x + 1)(x + 3) = 0$
   $x = -\ 1/2,\ \ -3$

10. $2x^2 + 17x + 8 = 0$
    $(2x + 1)(x + 8) = 0$
    $x = -\ 1/2,\ \ -8$

11. $x^2 + 9x + 14 = 0$
    $(x + 2)(x + 7) = 0$
    $x = -2\ ,\ \ -7$

12. $4x^2 + 26x + 42 = 0$
    $(2x + 6)(2x + 7) = 0$
    $x = -3\ ,\ \ -3\ 1/2$