

## Ecuaciones Lineales Simples (A)

Resolver para cada variable.

1.  $3x + 6 = 6$

6.  $2u - 6 = 6$

11.  $3c + 1 = 22$

2.  $3a - 10 = -25$

7.  $-2b + (-8) = -2$

12.  $3v - 10 = -28$

3.  $2b + (-9) = -17$

8.  $2b - 6 = -12$

13.  $3v + 2 = 23$

4.  $3v - 6 = -12$

9.  $2b + 9 = 1$

14.  $-2u + 4 = -12$

5.  $3z + 10 = 34$

10.  $2a - 10 = 10$

15.  $-2u - (-5) = 7$

## Ecuaciones Lineales Simples (A) Respuestas

Resolver para cada variable.

$$1. \begin{aligned} 3x + 6 &= 6 \\ x &= 0 \end{aligned}$$

$$6. \begin{aligned} 2u - 6 &= 6 \\ u &= 6 \end{aligned}$$

$$11. \begin{aligned} 3c + 1 &= 22 \\ c &= 7 \end{aligned}$$

$$2. \begin{aligned} 3a - 10 &= -25 \\ a &= -5 \end{aligned}$$

$$7. \begin{aligned} -2b + (-8) &= -2 \\ b &= -3 \end{aligned}$$

$$12. \begin{aligned} 3v - 10 &= -28 \\ v &= -6 \end{aligned}$$

$$3. \begin{aligned} 2b + (-9) &= -17 \\ b &= -4 \end{aligned}$$

$$8. \begin{aligned} 2b - 6 &= -12 \\ b &= -3 \end{aligned}$$

$$13. \begin{aligned} 3v + 2 &= 23 \\ v &= 7 \end{aligned}$$

$$4. \begin{aligned} 3v - 6 &= -12 \\ v &= -2 \end{aligned}$$

$$9. \begin{aligned} 2b + 9 &= 1 \\ b &= -4 \end{aligned}$$

$$14. \begin{aligned} -2u + 4 &= -12 \\ u &= 8 \end{aligned}$$

$$5. \begin{aligned} 3z + 10 &= 34 \\ z &= 8 \end{aligned}$$

$$10. \begin{aligned} 2a - 10 &= 10 \\ a &= 10 \end{aligned}$$

$$15. \begin{aligned} -2u - (-5) &= 7 \\ u &= -1 \end{aligned}$$

## Ecuaciones Lineales Simples (B)

Resolver para cada variable.

1.  $3a - 2 = -20$

6.  $-2c + 5 = -5$

11.  $-2v - 4 = 0$

2.  $2x - (-9) = 23$

7.  $-3x - (-5) = -4$

12.  $-3x - 1 = 14$

3.  $2y - (-2) = 0$

8.  $3y + 10 = 13$

13.  $3v + (-3) = -33$

4.  $3a + 6 = -12$

9.  $3y + (-5) = 22$

14.  $-2y - 3 = 15$

5.  $2z - (-8) = -8$

10.  $2v - (-10) = 18$

15.  $3a - 4 = -4$

## Ecuaciones Lineales Simples (B) Respuestas

Resolver para cada variable.

$$1. \begin{aligned} 3a - 2 &= -20 \\ a &= -6 \end{aligned}$$

$$6. \begin{aligned} -2c + 5 &= -5 \\ c &= 5 \end{aligned}$$

$$11. \begin{aligned} -2v - 4 &= 0 \\ v &= -2 \end{aligned}$$

$$2. \begin{aligned} 2x - (-9) &= 23 \\ x &= 7 \end{aligned}$$

$$7. \begin{aligned} -3x - (-5) &= -4 \\ x &= 3 \end{aligned}$$

$$12. \begin{aligned} -3x - 1 &= 14 \\ x &= -5 \end{aligned}$$

$$3. \begin{aligned} 2y - (-2) &= 0 \\ y &= -1 \end{aligned}$$

$$8. \begin{aligned} 3y + 10 &= 13 \\ y &= 1 \end{aligned}$$

$$13. \begin{aligned} 3v + (-3) &= -33 \\ v &= -10 \end{aligned}$$

$$4. \begin{aligned} 3a + 6 &= -12 \\ a &= -6 \end{aligned}$$

$$9. \begin{aligned} 3y + (-5) &= 22 \\ y &= 9 \end{aligned}$$

$$14. \begin{aligned} -2y - 3 &= 15 \\ y &= -9 \end{aligned}$$

$$5. \begin{aligned} 2z - (-8) &= -8 \\ z &= -8 \end{aligned}$$

$$10. \begin{aligned} 2v - (-10) &= 18 \\ v &= 4 \end{aligned}$$

$$15. \begin{aligned} 3a - 4 &= -4 \\ a &= 0 \end{aligned}$$

## Ecuaciones Lineales Simples (C)

Resolver para cada variable.

1.  $-2b - 6 = -20$

6.  $2x + 3 = -3$

11.  $2v - 9 = -3$

2.  $2z + 6 = -14$

7.  $2c - (-8) = 10$

12.  $3z + 4 = 13$

3.  $-2v + 1 = 19$

8.  $2c - 2 = -22$

13.  $-3y - (-9) = 3$

4.  $2x + 6 = 6$

9.  $-3x - (-8) = 32$

14.  $3x - 1 = 2$

5.  $2a + 4 = -2$

10.  $3x - 6 = 12$

15.  $3b - 9 = -21$

## Ecuaciones Lineales Simples (C) Respuestas

Resolver para cada variable.

1.  $-2b - 6 = -20$   
 $b = 7$

6.  $2x + 3 = -3$   
 $x = -3$

11.  $2v - 9 = -3$   
 $v = 3$

2.  $2z + 6 = -14$   
 $z = -10$

7.  $2c - (-8) = 10$   
 $c = 1$

12.  $3z + 4 = 13$   
 $z = 3$

3.  $-2v + 1 = 19$   
 $v = -9$

8.  $2c - 2 = -22$   
 $c = -10$

13.  $-3y - (-9) = 3$   
 $y = 2$

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

9.  $-3x - (-8) = 32$   
 $x = -8$

14.  $3x - 1 = 2$   
 $x = 1$

5.  $2a + 4 = -2$   
 $a = -3$

10.  $3x - 6 = 12$   
 $x = 6$

15.  $3b - 9 = -21$   
 $b = -4$

## Ecuaciones Lineales Simples (D)

Resolver para cada variable.

1.  $2c - (-2) = 22$

6.  $-2a + 8 = 2$

11.  $3u + 9 = -15$

2.  $2u - 4 = -24$

7.  $3u + (-6) = -27$

12.  $2a - (-2) = 4$

3.  $-3a - 3 = 27$

8.  $2u + (-1) = -15$

13.  $3a + 6 = -15$

4.  $2z + 7 = 25$

9.  $3z + (-3) = 18$

14.  $-3a + 3 = -24$

5.  $3c - 7 = -22$

10.  $2x - 4 = -14$

15.  $2v - 3 = -23$

## Ecuaciones Lineales Simples (D) Respuestas

Resolver para cada variable.

$$1. \begin{aligned} 2c - (-2) &= 22 \\ c &= 10 \end{aligned}$$

$$6. \begin{aligned} -2a + 8 &= 2 \\ a &= 3 \end{aligned}$$

$$11. \begin{aligned} 3u + 9 &= -15 \\ u &= -8 \end{aligned}$$

$$2. \begin{aligned} 2u - 4 &= -24 \\ u &= -10 \end{aligned}$$

$$7. \begin{aligned} 3u + (-6) &= -27 \\ u &= -7 \end{aligned}$$

$$12. \begin{aligned} 2a - (-2) &= 4 \\ a &= 1 \end{aligned}$$

$$3. \begin{aligned} -3a - 3 &= 27 \\ a &= -10 \end{aligned}$$

$$8. \begin{aligned} 2u + (-1) &= -15 \\ u &= -7 \end{aligned}$$

$$13. \begin{aligned} 3a + 6 &= -15 \\ a &= -7 \end{aligned}$$

$$4. \begin{aligned} 2z + 7 &= 25 \\ z &= 9 \end{aligned}$$

$$9. \begin{aligned} 3z + (-3) &= 18 \\ z &= 7 \end{aligned}$$

$$14. \begin{aligned} -3a + 3 &= -24 \\ a &= 9 \end{aligned}$$

$$5. \begin{aligned} 3c - 7 &= -22 \\ c &= -5 \end{aligned}$$

$$10. \begin{aligned} 2x - 4 &= -14 \\ x &= -5 \end{aligned}$$

$$15. \begin{aligned} 2v - 3 &= -23 \\ v &= -10 \end{aligned}$$



## Ecuaciones Lineales Simples (E)

Resolver para cada variable.

1.  $3z - 10 = 5$

6.  $2x + 2 = 12$

11.  $2x + 4 = 10$

2.  $3b - (-4) = 7$

7.  $3z + 8 = 17$

12.  $2v + 9 = 23$

3.  $3c + 6 = 30$

8.  $-2x + (-2) = -8$

13.  $3y - (-4) = 28$

4.  $3b - (-3) = 3$

9.  $3v + 7 = -11$

14.  $2b + 5 = 17$

5.  $2a + 5 = -5$

10.  $-2c + (-4) = -14$

15.  $2u - 5 = -5$

## Ecuaciones Lineales Simples (E) Respuestas

Resolver para cada variable.

$$1. 3z - 10 = 5 \\ z = 5$$

$$6. 2x + 2 = 12 \\ x = 5$$

$$11. 2x + 4 = 10 \\ x = 3$$

$$2. 3b - (-4) = 7 \\ b = 1$$

$$7. 3z + 8 = 17 \\ z = 3$$

$$12. 2v + 9 = 23 \\ v = 7$$

$$3. 3c + 6 = 30 \\ c = 8$$

$$8. -2x + (-2) = -8 \\ x = 3$$

$$13. 3y - (-4) = 28 \\ y = 8$$

$$4. 3b - (-3) = 3 \\ b = 0$$

$$9. 3v + 7 = -11 \\ v = -6$$

$$14. 2b + 5 = 17 \\ b = 6$$

$$5. 2a + 5 = -5 \\ a = -5$$

$$10. -2c + (-4) = -14 \\ c = 5$$

$$15. 2u - 5 = -5 \\ u = 0$$

## Ecuaciones Lineales Simples (F)

Resolver para cada variable.

1.  $3c - (-7) = -20$

6.  $2b - 10 = -12$

11.  $2v - 9 = -15$

2.  $3z - 7 = -19$

7.  $-3u - 2 = -20$

12.  $3u - 8 = -23$

3.  $-3b + 8 = 20$

8.  $3z - 2 = 13$

13.  $2u + 5 = 7$

4.  $-2z + (-4) = 4$

9.  $-2v - (-3) = 19$

14.  $3x - 5 = 13$

5.  $2a + (-9) = 1$

10.  $3u - 2 = -20$

15.  $3z - (-1) = -2$

## Ecuaciones Lineales Simples (F) Respuestas

Resolver para cada variable.

1.  $3c - (-7) = -20$   
 $c = -9$

6.  $2b - 10 = -12$   
 $b = -1$

11.  $2v - 9 = -15$   
 $v = -3$

2.  $3z - 7 = -19$   
 $z = -4$

7.  $-3u - 2 = -20$   
 $u = 6$

12.  $3u - 8 = -23$   
 $u = -5$

3.  $-3b + 8 = 20$   
 $b = -4$

8.  $3z - 2 = 13$   
 $z = 5$

13.  $2u + 5 = 7$   
 $u = 1$

4.  $-2z + (-4) = 4$   
 $z = -4$

9.  $-2v - (-3) = 19$   
 $v = -8$

14.  $3x - 5 = 13$   
 $x = 6$

5.  $2a + (-9) = 1$   
 $a = 5$

10.  $3u - 2 = -20$   
 $u = -6$

15.  $3z - (-1) = -2$   
 $z = -1$

## Ecuaciones Lineales Simples (G)

Resolver para cada variable.

1.  $2a + 10 = 6$

6.  $-3y + (-1) = -10$

11.  $3y - (-6) = -3$

2.  $2y + (-7) = -17$

7.  $-3v + (-5) = 22$

12.  $-2b + 3 = -11$

3.  $3z - 6 = -33$

8.  $3v + (-7) = -37$

13.  $2v + 9 = -1$

4.  $3z + 9 = 36$

9.  $-3a + (-4) = 26$

14.  $2b - 5 = -7$

5.  $3y - 9 = -36$

10.  $3v - 9 = -15$

15.  $3b - (-10) = 7$

## Ecuaciones Lineales Simples (G) Respuestas

Resolver para cada variable.

$$1. \begin{aligned} 2a + 10 &= 6 \\ a &= -2 \end{aligned}$$

$$6. \begin{aligned} -3y + (-1) &= -10 \\ y &= 3 \end{aligned}$$

$$11. \begin{aligned} 3y - (-6) &= -3 \\ y &= -3 \end{aligned}$$

$$2. \begin{aligned} 2y + (-7) &= -17 \\ y &= -5 \end{aligned}$$

$$7. \begin{aligned} -3v + (-5) &= 22 \\ v &= -9 \end{aligned}$$

$$12. \begin{aligned} -2b + 3 &= -11 \\ b &= 7 \end{aligned}$$

$$3. \begin{aligned} 3z - 6 &= -33 \\ z &= -9 \end{aligned}$$

$$8. \begin{aligned} 3v + (-7) &= -37 \\ v &= -10 \end{aligned}$$

$$13. \begin{aligned} 2v + 9 &= -1 \\ v &= -5 \end{aligned}$$

$$4. \begin{aligned} 3z + 9 &= 36 \\ z &= 9 \end{aligned}$$

$$9. \begin{aligned} -3a + (-4) &= 26 \\ a &= -10 \end{aligned}$$

$$14. \begin{aligned} 2b - 5 &= -7 \\ b &= -1 \end{aligned}$$

$$5. \begin{aligned} 3y - 9 &= -36 \\ y &= -9 \end{aligned}$$

$$10. \begin{aligned} 3v - 9 &= -15 \\ v &= -2 \end{aligned}$$

$$15. \begin{aligned} 3b - (-10) &= 7 \\ b &= -1 \end{aligned}$$

## Ecuaciones Lineales Simples (H)

Resolver para cada variable.

1.  $3y + 1 = -23$

6.  $-3y - (-4) = -8$

11.  $-2b + 7 = 15$

2.  $-2z + 1 = 3$

7.  $-2x - 7 = 7$

12.  $-2y + 3 = -9$

3.  $3u + 3 = -15$

8.  $2y - 5 = -3$

13.  $2v + (-3) = 5$

4.  $2b + (-9) = 11$

9.  $3y + 2 = 11$

14.  $2b - (-8) = -10$

5.  $3c - 6 = -12$

10.  $3y + 9 = 15$

15.  $3x - (-9) = -21$

## Ecuaciones Lineales Simples (H) Respuestas

Resolver para cada variable.

$$1. \begin{aligned} 3y + 1 &= -23 \\ y &= -8 \end{aligned}$$

$$6. \begin{aligned} -3y - (-4) &= -8 \\ y &= 4 \end{aligned}$$

$$11. \begin{aligned} -2b + 7 &= 15 \\ b &= -4 \end{aligned}$$

$$2. \begin{aligned} -2z + 1 &= 3 \\ z &= -1 \end{aligned}$$

$$7. \begin{aligned} -2x - 7 &= 7 \\ x &= -7 \end{aligned}$$

$$12. \begin{aligned} -2y + 3 &= -9 \\ y &= 6 \end{aligned}$$

$$3. \begin{aligned} 3u + 3 &= -15 \\ u &= -6 \end{aligned}$$

$$8. \begin{aligned} 2y - 5 &= -3 \\ y &= 1 \end{aligned}$$

$$13. \begin{aligned} 2v + (-3) &= 5 \\ v &= 4 \end{aligned}$$

$$4. \begin{aligned} 2b + (-9) &= 11 \\ b &= 10 \end{aligned}$$

$$9. \begin{aligned} 3y + 2 &= 11 \\ y &= 3 \end{aligned}$$

$$14. \begin{aligned} 2b - (-8) &= -10 \\ b &= -9 \end{aligned}$$

$$5. \begin{aligned} 3c - 6 &= -12 \\ c &= -2 \end{aligned}$$

$$10. \begin{aligned} 3y + 9 &= 15 \\ y &= 2 \end{aligned}$$

$$15. \begin{aligned} 3x - (-9) &= -21 \\ x &= -10 \end{aligned}$$



## Ecuaciones Lineales Simples (I)

Resolver para cada variable.

1.  $2v + 8 = 12$

6.  $-3v - 2 = 25$

11.  $-3x + 2 = 5$

2.  $-3z + 5 = 8$

7.  $3z - 7 = -7$

12.  $3a + 9 = 24$

3.  $-2v - 7 = -21$

8.  $3v - 9 = -27$

13.  $3x - 3 = -18$

4.  $-2c + 5 = -3$

9.  $-3y - (-4) = 34$

14.  $-3y + (-6) = 3$

5.  $-2v - 1 = 19$

10.  $2a - (-7) = -5$

15.  $-3a - 7 = -19$

## Ecuaciones Lineales Simples (I) Respuestas

Resolver para cada variable.

$$1. \begin{aligned} 2v + 8 &= 12 \\ v &= 2 \end{aligned}$$

$$6. \begin{aligned} -3v - 2 &= 25 \\ v &= -9 \end{aligned}$$

$$11. \begin{aligned} -3x + 2 &= 5 \\ x &= -1 \end{aligned}$$

$$2. \begin{aligned} -3z + 5 &= 8 \\ z &= -1 \end{aligned}$$

$$7. \begin{aligned} 3z - 7 &= -7 \\ z &= 0 \end{aligned}$$

$$12. \begin{aligned} 3a + 9 &= 24 \\ a &= 5 \end{aligned}$$

$$3. \begin{aligned} -2v - 7 &= -21 \\ v &= 7 \end{aligned}$$

$$8. \begin{aligned} 3v - 9 &= -27 \\ v &= -6 \end{aligned}$$

$$13. \begin{aligned} 3x - 3 &= -18 \\ x &= -5 \end{aligned}$$

$$4. \begin{aligned} -2c + 5 &= -3 \\ c &= 4 \end{aligned}$$

$$9. \begin{aligned} -3y - (-4) &= 34 \\ y &= -10 \end{aligned}$$

$$14. \begin{aligned} -3y + (-6) &= 3 \\ y &= -3 \end{aligned}$$

$$5. \begin{aligned} -2v - 1 &= 19 \\ v &= -10 \end{aligned}$$

$$10. \begin{aligned} 2a - (-7) &= -5 \\ a &= -6 \end{aligned}$$

$$15. \begin{aligned} -3a - 7 &= -19 \\ a &= 4 \end{aligned}$$

## Ecuaciones Lineales Simples (J)

Resolver para cada variable.

1.  $3c - 8 = -5$

6.  $-3x + 9 = 12$

11.  $-3b - 4 = 2$

2.  $3y - 6 = -24$

7.  $-2v - 9 = -9$

12.  $-3v - (-10) = -5$

3.  $2x - (-2) = 12$

8.  $-2b - (-7) = 3$

13.  $2y - (-7) = 3$

4.  $3b + (-4) = 14$

9.  $3y + 10 = -11$

14.  $2y + 9 = 7$

5.  $3c - 6 = 18$

10.  $3z - (-1) = 31$

15.  $2x + 7 = 3$

## Ecuaciones Lineales Simples (J) Respuestas

Resolver para cada variable.

$$1. \begin{aligned} 3c - 8 &= -5 \\ c &= 1 \end{aligned}$$

$$6. \begin{aligned} -3x + 9 &= 12 \\ x &= -1 \end{aligned}$$

$$11. \begin{aligned} -3b - 4 &= 2 \\ b &= -2 \end{aligned}$$

$$2. \begin{aligned} 3y - 6 &= -24 \\ y &= -6 \end{aligned}$$

$$7. \begin{aligned} -2v - 9 &= -9 \\ v &= 0 \end{aligned}$$

$$12. \begin{aligned} -3v - (-10) &= -5 \\ v &= 5 \end{aligned}$$

$$3. \begin{aligned} 2x - (-2) &= 12 \\ x &= 5 \end{aligned}$$

$$8. \begin{aligned} -2b - (-7) &= 3 \\ b &= 2 \end{aligned}$$

$$13. \begin{aligned} 2y - (-7) &= 3 \\ y &= -2 \end{aligned}$$

$$4. \begin{aligned} 3b + (-4) &= 14 \\ b &= 6 \end{aligned}$$

$$9. \begin{aligned} 3y + 10 &= -11 \\ y &= -7 \end{aligned}$$

$$14. \begin{aligned} 2y + 9 &= 7 \\ y &= -1 \end{aligned}$$

$$5. \begin{aligned} 3c - 6 &= 18 \\ c &= 8 \end{aligned}$$

$$10. \begin{aligned} 3z - (-1) &= 31 \\ z &= 10 \end{aligned}$$

$$15. \begin{aligned} 2x + 7 &= 3 \\ x &= -2 \end{aligned}$$