

## Ecuaciones Lineales Simples (A)

Resolver para cada variable.

1.  $4c = -40$

6.  $\frac{28}{y} - 6 = -10$

11.  $\frac{8}{x} = 2$

2.  $4a = -20$

7.  $v + (-4) = -6$

12.  $\frac{x}{9} - 6 = -10$

3.  $u + (-4) = -11$

8.  $\frac{x}{7} - (-4) = 6$

13.  $4 - \frac{x}{2} = -2$

4.  $\frac{z}{6} - 10 = -18$

9.  $5v = 0$

14.  $\frac{-10}{u} = 2$

5.  $6c = 12$

10.  $10 - \frac{-30}{v} = 16$

15.  $\frac{28}{y} = -4$

## Ecuaciones Lineales Simples (A) Respuestas

Resolver para cada variable.

$$1. \begin{aligned} 4c &= -40 \\ c &= -10 \end{aligned}$$

$$6. \begin{aligned} \frac{28}{y} - 6 &= -10 \\ y &= -7 \end{aligned}$$

$$11. \begin{aligned} \frac{8}{x} &= 2 \\ x &= 4 \end{aligned}$$

$$2. \begin{aligned} 4a &= -20 \\ a &= -5 \end{aligned}$$

$$7. \begin{aligned} v + (-4) &= -6 \\ v &= -2 \end{aligned}$$

$$12. \begin{aligned} \frac{x}{9} - 6 &= -10 \\ x &= -36 \end{aligned}$$

$$3. \begin{aligned} u + (-4) &= -11 \\ u &= -7 \end{aligned}$$

$$8. \begin{aligned} \frac{x}{7} - (-4) &= 6 \\ x &= 14 \end{aligned}$$

$$13. \begin{aligned} 4 - \frac{x}{2} &= -2 \\ x &= 12 \end{aligned}$$

$$4. \begin{aligned} \frac{z}{6} - 10 &= -18 \\ z &= -48 \end{aligned}$$

$$9. \begin{aligned} 5v &= 0 \\ v &= 0 \end{aligned}$$

$$14. \begin{aligned} \frac{-10}{u} &= 2 \\ u &= -5 \end{aligned}$$

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

$$10. \begin{aligned} 10 - \frac{-30}{v} &= 16 \\ v &= 5 \end{aligned}$$

$$15. \begin{aligned} \frac{28}{y} &= -4 \\ y &= -7 \end{aligned}$$

## Ecuaciones Lineales Simples (B)

Resolver para cada variable.

1.  $\frac{-8}{v} = 2$

6.  $8 + \frac{-45}{z} = 17$

11.  $\frac{u}{2} = -9$

2.  $\frac{c}{9} = 7$

7.  $y - (-10) = 13$

12.  $-3c - (-4) = -11$

3.  $2c + (-5) = -17$

8.  $\frac{z}{5} - 7 = -12$

13.  $3c + 8 = 5$

4.  $\frac{b}{-2} = 8$

9.  $3y - 8 = -20$

14.  $\frac{a}{4} + 2 = 4$

5.  $\frac{u}{-6} = -6$

10.  $3b + 10 = -14$

15.  $2z - 4 = 4$

## Ecuaciones Lineales Simples (B) Respuestas

Resolver para cada variable.

$$1. \frac{-8}{v} = 2$$
$$v = -4$$

$$6. 8 + \frac{-45}{z} = 17$$
$$z = -5$$

$$11. \frac{u}{2} = -9$$
$$u = -18$$

$$2. \frac{c}{9} = 7$$
$$c = 63$$

$$7. y - (-10) = 13$$
$$y = 3$$

$$12. -3c - (-4) = -11$$
$$c = 5$$

$$3. 2c + (-5) = -17$$
$$c = -6$$

$$8. \frac{z}{5} - 7 = -12$$
$$z = -25$$

$$13. 3c + 8 = 5$$
$$c = -1$$

$$4. \frac{b}{-2} = 8$$
$$b = -16$$

$$9. 3y - 8 = -20$$
$$y = -4$$

$$14. \frac{a}{4} + 2 = 4$$
$$a = 8$$

$$5. \frac{u}{-6} = -6$$
$$u = 36$$

$$10. 3b + 10 = -14$$
$$b = -8$$

$$15. 2z - 4 = 4$$
$$z = 4$$

## Ecuaciones Lineales Simples (C)

Resolver para cada variable.

1.  $3y - 1 = -31$

6.  $5 - \frac{-9}{b} = 8$

11.  $\frac{u}{-4} = 2$

2.  $3x + (-8) = -32$

7.  $b + 8 = 8$

12.  $\frac{48}{u} = 8$

3.  $\frac{v}{-4} = 8$

8.  $\frac{u}{-4} + 6 = 11$

13.  $a + (-9) = -5$

4.  $10 + \frac{-15}{z} = 5$

9.  $\frac{z}{9} - (-9) = 18$

14.  $\frac{x}{7} = -6$

5.  $\frac{10}{u} = 2$

10.  $\frac{b}{5} - (-9) = 11$

15.  $\frac{8}{u} = 2$

## Ecuaciones Lineales Simples (C) Respuestas

Resolver para cada variable.

$$1. 3y - 1 = -31$$
$$y = -10$$

$$6. 5 - \frac{-9}{b} = 8$$
$$b = 3$$

$$11. \frac{u}{-4} = 2$$
$$u = -8$$

$$2. 3x + (-8) = -32$$
$$x = -8$$

$$7. b + 8 = 8$$
$$b = 0$$

$$12. \frac{48}{u} = 8$$
$$u = 6$$

$$3. \frac{v}{-4} = 8$$
$$v = -32$$

$$8. \frac{u}{-4} + 6 = 11$$
$$u = -20$$

$$13. a + (-9) = -5$$
$$a = 4$$

$$4. 10 + \frac{-15}{z} = 5$$
$$z = 3$$

$$9. \frac{z}{9} - (-9) = 18$$
$$z = 81$$

$$14. \frac{x}{7} = -6$$
$$x = -42$$

$$5. \frac{10}{u} = 2$$
$$u = 5$$

$$10. \frac{b}{5} - (-9) = 11$$
$$b = 10$$

$$15. \frac{8}{u} = 2$$
$$u = 4$$

## Ecuaciones Lineales Simples (D)

Resolver para cada variable.

1.  $a - 6 = -5$

6.  $7 - \frac{v}{9} = 3$

11.  $\frac{-90}{v} = -9$

2.  $2 - \frac{b}{-5} = 0$

7.  $-9 + \frac{-14}{v} = -11$

12.  $\frac{8}{c} = 4$

3.  $-2a + 5 = -1$

8.  $\frac{9}{b} - 9 = 0$

13.  $\frac{60}{z} + 7 = 1$

4.  $y + (-3) = 1$

9.  $\frac{-16}{b} - 3 = 5$

14.  $5z = -35$

5.  $a - 3 = 4$

10.  $\frac{15}{x} = -3$

15.  $\frac{a}{8} - 7 = -10$

## Ecuaciones Lineales Simples (D) Respuestas

Resolver para cada variable.

$$1. a - 6 = -5$$
$$a = 1$$

$$6. 7 - \frac{v}{9} = 3$$
$$v = 36$$

$$11. \frac{-90}{v} = -9$$
$$v = 10$$

$$2. 2 - \frac{b}{-5} = 0$$
$$b = -10$$

$$7. -9 + \frac{-14}{v} = -11$$
$$v = 7$$

$$12. \frac{8}{c} = 4$$
$$c = 2$$

$$3. -2a + 5 = -1$$
$$a = 3$$

$$8. \frac{9}{b} - 9 = 0$$
$$b = 1$$

$$13. \frac{60}{z} + 7 = 1$$
$$z = -10$$

$$4. y + (-3) = 1$$
$$y = 4$$

$$9. \frac{-16}{b} - 3 = 5$$
$$b = -2$$

$$14. 5z = -35$$
$$z = -7$$

$$5. a - 3 = 4$$
$$a = 7$$

$$10. \frac{15}{x} = -3$$
$$x = -5$$

$$15. \frac{a}{8} - 7 = -10$$
$$a = -24$$



## Ecuaciones Lineales Simples (E)

Resolver para cada variable.

1.  $3u - 8 = -8$

6.  $\frac{v}{5} = -2$

11.  $-2a = 20$

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

7.  $-2y = 0$

12.  $v - 9 = -16$

3.  $\frac{z}{2} + 10 = 14$

8.  $10 + \frac{12}{c} = 13$

13.  $3y - 6 = 21$

4.  $b - 1 = -6$

9.  $\frac{-10}{v} = -2$

14.  $c + 4 = 7$

5.  $\frac{x}{2} = -2$

10.  $\frac{b}{-2} = 7$

15.  $2z + 9 = 5$

## Ecuaciones Lineales Simples (E) Respuestas

Resolver para cada variable.

$$1. \begin{aligned} 3u - 8 &= -8 \\ u &= 0 \end{aligned}$$

$$6. \begin{aligned} \frac{v}{5} &= -2 \\ v &= -10 \end{aligned}$$

$$11. \begin{aligned} -2a &= 20 \\ a &= -10 \end{aligned}$$

$$2. \begin{aligned} c - (-7) &= 1 \\ c &= -6 \end{aligned}$$

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

$$12. \begin{aligned} v - 9 &= -16 \\ v &= -7 \end{aligned}$$

$$3. \begin{aligned} \frac{z}{2} + 10 &= 14 \\ z &= 8 \end{aligned}$$

$$8. \begin{aligned} 10 + \frac{12}{c} &= 13 \\ c &= 4 \end{aligned}$$

$$13. \begin{aligned} 3y - 6 &= 21 \\ y &= 9 \end{aligned}$$

$$4. \begin{aligned} b - 1 &= -6 \\ b &= -5 \end{aligned}$$

$$9. \begin{aligned} \frac{-10}{v} &= -2 \\ v &= 5 \end{aligned}$$

$$14. \begin{aligned} c + 4 &= 7 \\ c &= 3 \end{aligned}$$

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

$$10. \begin{aligned} \frac{b}{-2} &= 7 \\ b &= -14 \end{aligned}$$

$$15. \begin{aligned} 2z + 9 &= 5 \\ z &= -2 \end{aligned}$$

## Ecuaciones Lineales Simples (F)

Resolver para cada variable.

1.  $8 - \frac{y}{-2} = 2$

6.  $4c = -40$

11.  $\frac{x}{-8} - 9 = -4$

2.  $\frac{c}{4} = -6$

7.  $x + 9 = -1$

12.  $\frac{48}{z} = 8$

3.  $\frac{z}{6} = 9$

8.  $\frac{-90}{x} = 9$

13.  $3c = 18$

4.  $b + 2 = -7$

9.  $-2y = 14$

14.  $7u = -42$

5.  $9 - \frac{v}{-7} = 18$

10.  $\frac{b}{6} + (-3) = 5$

15.  $\frac{63}{c} = -7$

## Ecuaciones Lineales Simples (F) Respuestas

Resolver para cada variable.

$$1. 8 - \frac{y}{-2} = 2$$
$$y = -12$$

$$6. 4c = -40$$
$$c = -10$$

$$11. \frac{x}{-8} - 9 = -4$$
$$x = -40$$

$$2. \frac{c}{4} = -6$$
$$c = -24$$

$$7. x + 9 = -1$$
$$x = -10$$

$$12. \frac{48}{z} = 8$$
$$z = 6$$

$$3. \frac{z}{6} = 9$$
$$z = 54$$

$$8. \frac{-90}{x} = 9$$
$$x = -10$$

$$13. 3c = 18$$
$$c = 6$$

$$4. b + 2 = -7$$
$$b = -9$$

$$9. -2y = 14$$
$$y = -7$$

$$14. 7u = -42$$
$$u = -6$$

$$5. 9 - \frac{v}{-7} = 18$$
$$v = 63$$

$$10. \frac{b}{6} + (-3) = 5$$
$$b = 48$$

$$15. \frac{63}{c} = -7$$
$$c = -9$$

## Ecuaciones Lineales Simples (G)

Resolver para cada variable.

1.  $1 + \frac{v}{9} = -4$

6.  $\frac{v}{7} - 3 = -11$

11.  $\frac{b}{-7} = -3$

2.  $2 - \frac{u}{2} = 8$

7.  $\frac{c}{4} = 7$

12.  $\frac{v}{-5} = -6$

3.  $\frac{16}{u} = 8$

8.  $\frac{63}{b} - 2 = 5$

13.  $\frac{v}{-3} + 7 = 5$

4.  $\frac{-63}{v} = -9$

9.  $3y - (-1) = 13$

14.  $\frac{16}{y} - (-9) = 1$

5.  $\frac{a}{-5} = 8$

10.  $\frac{-81}{c} = -9$

15.  $\frac{a}{3} = -9$

## Ecuaciones Lineales Simples (G) Respuestas

Resolver para cada variable.

$$1. 1 + \frac{v}{9} = -4$$
$$v = -45$$

$$6. \frac{v}{7} - 3 = -11$$
$$v = -56$$

$$11. \frac{b}{-7} = -3$$
$$b = 21$$

$$2. 2 - \frac{u}{2} = 8$$
$$u = -12$$

$$7. \frac{c}{4} = 7$$
$$c = 28$$

$$12. \frac{v}{-5} = -6$$
$$v = 30$$

$$3. \frac{16}{u} = 8$$
$$u = 2$$

$$8. \frac{63}{b} - 2 = 5$$
$$b = 9$$

$$13. \frac{v}{-3} + 7 = 5$$
$$v = 6$$

$$4. \frac{-63}{v} = -9$$
$$v = 7$$

$$9. 3y - (-1) = 13$$
$$y = 4$$

$$14. \frac{16}{y} - (-9) = 1$$
$$y = -2$$

$$5. \frac{a}{-5} = 8$$
$$a = -40$$

$$10. \frac{-81}{c} = -9$$
$$c = 9$$

$$15. \frac{a}{3} = -9$$
$$a = -27$$

## Ecuaciones Lineales Simples (H)

Resolver para cada variable.

1.  $8 - \frac{54}{c} = -1$

6.  $3y - 9 = -24$

11.  $\frac{5}{y} - 1 = -6$

2.  $2z + 4 = 18$

7.  $\frac{-24}{v} = -4$

12.  $\frac{b}{2} = 8$

3.  $z + 7 = 9$

8.  $3x + 4 = 1$

13.  $6 + \frac{b}{9} = 13$

4.  $\frac{36}{b} = -4$

9.  $-3a - (-10) = -14$

14.  $\frac{u}{7} = -5$

5.  $\frac{25}{x} = -5$

10.  $10 - \frac{-10}{b} = 12$

15.  $\frac{-8}{y} - 9 = -7$

## Ecuaciones Lineales Simples (H) Respuestas

Resolver para cada variable.

$$1. 8 - \frac{54}{c} = -1$$
$$c = 6$$

$$6. 3y - 9 = -24$$
$$y = -5$$

$$11. \frac{5}{y} - 1 = -6$$
$$y = -1$$

$$2. 2z + 4 = 18$$
$$z = 7$$

$$7. \frac{-24}{v} = -4$$
$$v = 6$$

$$12. \frac{b}{2} = 8$$
$$b = 16$$

$$3. z + 7 = 9$$
$$z = 2$$

$$8. 3x + 4 = 1$$
$$x = -1$$

$$13. 6 + \frac{b}{9} = 13$$
$$b = 63$$

$$4. \frac{36}{b} = -4$$
$$b = -9$$

$$9. -3a - (-10) = -14$$
$$a = 8$$

$$14. \frac{u}{7} = -5$$
$$u = -35$$

$$5. \frac{25}{x} = -5$$
$$x = -5$$

$$10. 10 - \frac{-10}{b} = 12$$
$$b = 5$$

$$15. \frac{-8}{y} - 9 = -7$$
$$y = -4$$



## Ecuaciones Lineales Simples (I)

Resolver para cada variable.

1.  $7a = 14$

6.  $\frac{c}{-4} = 9$

11.  $\frac{c}{7} - 9 = -2$

2.  $3u - 2 = 4$

7.  $v + 7 = 17$

12.  $2z = -2$

3.  $-3z - 8 = 4$

8.  $\frac{v}{6} = -7$

13.  $2u + 7 = -7$

4.  $-5x = -50$

9.  $\frac{18}{x} - (-6) = 0$

14.  $9u = 63$

5.  $8 + \frac{v}{-9} = 3$

10.  $\frac{y}{7} = -2$

15.  $\frac{a}{5} = 5$

## Ecuaciones Lineales Simples (I) Respuestas

Resolver para cada variable.

$$1. \begin{aligned} 7a &= 14 \\ a &= 2 \end{aligned}$$

$$6. \begin{aligned} \frac{c}{-4} &= 9 \\ c &= -36 \end{aligned}$$

$$11. \begin{aligned} \frac{c}{7} - 9 &= -2 \\ c &= 49 \end{aligned}$$

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

$$7. \begin{aligned} v + 7 &= 17 \\ v &= 10 \end{aligned}$$

$$12. \begin{aligned} 2z &= -2 \\ z &= -1 \end{aligned}$$

$$3. \begin{aligned} -3z - 8 &= 4 \\ z &= -4 \end{aligned}$$

$$8. \begin{aligned} \frac{v}{6} &= -7 \\ v &= -42 \end{aligned}$$

$$13. \begin{aligned} 2u + 7 &= -7 \\ u &= -7 \end{aligned}$$

$$4. \begin{aligned} -5x &= -50 \\ x &= 10 \end{aligned}$$

$$9. \begin{aligned} \frac{18}{x} - (-6) &= 0 \\ x &= -3 \end{aligned}$$

$$14. \begin{aligned} 9u &= 63 \\ u &= 7 \end{aligned}$$

$$5. \begin{aligned} 8 + \frac{v}{-9} &= 3 \\ v &= 45 \end{aligned}$$

$$10. \begin{aligned} \frac{y}{7} &= -2 \\ y &= -14 \end{aligned}$$

$$15. \begin{aligned} \frac{a}{5} &= 5 \\ a &= 25 \end{aligned}$$

## Ecuaciones Lineales Simples (J)

Resolver para cada variable.

1.  $5y = 0$

6.  $z - (-4) = -5$

11.  $2z - (-9) = 9$

2.  $3u + 5 = 14$

7.  $\frac{8}{y} + 9 = 11$

12.  $\frac{b}{3} + 7 = 0$

3.  $2 - \frac{b}{3} = 4$

8.  $9 + \frac{y}{4} = 12$

13.  $-2v = -16$

4.  $v - 7 = -13$

9.  $7a = 14$

14.  $\frac{a}{9} - 4 = 2$

5.  $7a = -7$

10.  $3b + 7 = -23$

15.  $2 - \frac{a}{-2} = 0$

## Ecuaciones Lineales Simples (J) Respuestas

Resolver para cada variable.

$$1. \begin{aligned} 5y &= 0 \\ y &= 0 \end{aligned}$$

$$6. \begin{aligned} z - (-4) &= -5 \\ z &= -9 \end{aligned}$$

$$11. \begin{aligned} 2z - (-9) &= 9 \\ z &= 0 \end{aligned}$$

$$2. \begin{aligned} 3u + 5 &= 14 \\ u &= 3 \end{aligned}$$

$$7. \begin{aligned} \frac{8}{y} + 9 &= 11 \\ y &= 4 \end{aligned}$$

$$12. \begin{aligned} \frac{b}{3} + 7 &= 0 \\ b &= -21 \end{aligned}$$

$$3. \begin{aligned} 2 - \frac{b}{3} &= 4 \\ b &= -6 \end{aligned}$$

$$8. \begin{aligned} 9 + \frac{y}{4} &= 12 \\ y &= 12 \end{aligned}$$

$$13. \begin{aligned} -2v &= -16 \\ v &= 8 \end{aligned}$$

$$4. \begin{aligned} v - 7 &= -13 \\ v &= -6 \end{aligned}$$

$$9. \begin{aligned} 7a &= 14 \\ a &= 2 \end{aligned}$$

$$14. \begin{aligned} \frac{a}{9} - 4 &= 2 \\ a &= 54 \end{aligned}$$

$$5. \begin{aligned} 7a &= -7 \\ a &= -1 \end{aligned}$$

$$10. \begin{aligned} 3b + 7 &= -23 \\ b &= -10 \end{aligned}$$

$$15. \begin{aligned} 2 - \frac{a}{-2} &= 0 \\ a &= -4 \end{aligned}$$