

Sistemas Lineales (A)

Resuelva cada sistema de ecuaciones.

1. $2v + 2y = 0$
 $3v = -3$

5. $3a + 3v = -9$
 $a = -2$

2. $5a + 6c = 15$
 $6a = 18$

6. $5b + 3y = -15$
 $2b = -6$

3. $6b + x = 10$
 $5b = 5$

7. $2u + 6x = 0$
 $5u = -10$

4. $4b + 3y = -20$
 $6b = -30$

8. $3v + y = -1$
 $v = -1$

Sistemas Lineales (A) Respuestas

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 2v + 2y = 0 \\ & 3v = -3 \\ & v = -1, y = 1 \end{aligned}$$

$$\begin{aligned} 5. \quad & 3a + 3v = -9 \\ & a = -2 \\ & a = -2, v = -1 \end{aligned}$$

$$\begin{aligned} 2. \quad & 5a + 6c = 15 \\ & 6a = 18 \\ & a = 3, c = 0 \end{aligned}$$

$$\begin{aligned} 6. \quad & 5b + 3y = -15 \\ & 2b = -6 \\ & b = -3, y = 0 \end{aligned}$$

$$\begin{aligned} 3. \quad & 6b + x = 10 \\ & 5b = 5 \\ & b = 1, x = 4 \end{aligned}$$

$$\begin{aligned} 7. \quad & 2u + 6x = 0 \\ & 5u = -10 \\ & u = -2, x = \frac{2}{3} \end{aligned}$$

$$\begin{aligned} 4. \quad & 4b + 3y = -20 \\ & 6b = -30 \\ & b = -5, y = 0 \end{aligned}$$

$$\begin{aligned} 8. \quad & 3v + y = -1 \\ & v = -1 \\ & v = -1, y = 2 \end{aligned}$$

Sistemas Lineales (B)

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 6c + 6x = 18 \\ & 3c = -3 \end{aligned}$$

$$\begin{aligned} 5. \quad & a + 3b = -4 \\ & 3a = 0 \end{aligned}$$

$$\begin{aligned} 2. \quad & v + 5y = -5 \\ & 4v = 20 \end{aligned}$$

$$\begin{aligned} 6. \quad & 2b + 6z = -14 \\ & 2b = -2 \end{aligned}$$

$$\begin{aligned} 3. \quad & 6c + 3x = 27 \\ & 4c = 8 \end{aligned}$$

$$\begin{aligned} 7. \quad & y + 6z = -2 \\ & 2y = -2 \end{aligned}$$

$$\begin{aligned} 4. \quad & 6v + 6x = 13 \\ & 6v = 3 \end{aligned}$$

$$\begin{aligned} 8. \quad & 3b + u = 1 \\ & 6b = 5 \end{aligned}$$

Sistemas Lineales (B) Respuestas

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 6c + 6x = 18 \\ & 3c = -3 \\ & c = -1, x = 4 \end{aligned}$$

$$\begin{aligned} 5. \quad & a + 3b = -4 \\ & 3a = 0 \\ & a = 0, b = -\frac{4}{3} \end{aligned}$$

$$\begin{aligned} 2. \quad & v + 5y = -5 \\ & 4v = 20 \\ & v = 5, y = -2 \end{aligned}$$

$$\begin{aligned} 6. \quad & 2b + 6z = -14 \\ & 2b = -2 \\ & b = -1, z = -2 \end{aligned}$$

$$\begin{aligned} 3. \quad & 6c + 3x = 27 \\ & 4c = 8 \\ & c = 2, x = 5 \end{aligned}$$

$$\begin{aligned} 7. \quad & y + 6z = -2 \\ & 2y = -2 \\ & y = -1, z = -\frac{1}{6} \end{aligned}$$

$$\begin{aligned} 4. \quad & 6v + 6x = 13 \\ & 6v = 3 \\ & v = \frac{1}{2}, x = \frac{5}{3} \end{aligned}$$

$$\begin{aligned} 8. \quad & 3b + u = 1 \\ & 6b = 5 \\ & b = \frac{5}{6}, u = -\frac{3}{2} \end{aligned}$$

Sistemas Lineales (C)

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 6c + 5y = -7 \\ & 6c = 8 \end{aligned}$$

$$\begin{aligned} 5. \quad & 6c + 3x = 9 \\ & 4c = 4 \end{aligned}$$

$$\begin{aligned} 2. \quad & b + 4v = 10 \\ & b = 0 \end{aligned}$$

$$\begin{aligned} 6. \quad & a + 6z = -3 \\ & 2a = 0 \end{aligned}$$

$$\begin{aligned} 3. \quad & 3a + 3b = -9 \\ & 2a = 0 \end{aligned}$$

$$\begin{aligned} 7. \quad & 5a + 4b = -8 \\ & 5a = -10 \end{aligned}$$

$$\begin{aligned} 4. \quad & b + z = 4 \\ & 6b = 18 \end{aligned}$$

$$\begin{aligned} 8. \quad & c + 6x = 8 \\ & 4c = 0 \end{aligned}$$

Sistemas Lineales (C) Respuestas

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 6c + 5y = -7 \\ & 6c = 8 \\ & c = \frac{4}{3}, y = -3 \end{aligned}$$

$$\begin{aligned} 5. \quad & 6c + 3x = 9 \\ & 4c = 4 \\ & c = 1, x = 1 \end{aligned}$$

$$\begin{aligned} 2. \quad & b + 4v = 10 \\ & b = 0 \\ & b = 0, v = \frac{5}{2} \end{aligned}$$

$$\begin{aligned} 6. \quad & a + 6z = -3 \\ & 2a = 0 \\ & a = 0, z = -\frac{1}{2} \end{aligned}$$

$$\begin{aligned} 3. \quad & 3a + 3b = -9 \\ & 2a = 0 \\ & a = 0, b = -3 \end{aligned}$$

$$\begin{aligned} 7. \quad & 5a + 4b = -8 \\ & 5a = -10 \\ & a = -2, b = \frac{1}{2} \end{aligned}$$

$$\begin{aligned} 4. \quad & b + z = 4 \\ & 6b = 18 \\ & b = 3, z = 1 \end{aligned}$$

$$\begin{aligned} 8. \quad & c + 6x = 8 \\ & 4c = 0 \\ & c = 0, x = \frac{4}{3} \end{aligned}$$

Sistemas Lineales (D)

Resuelva cada sistema de ecuaciones.

1. $2u + 2x = 0$
 $2u = -2$

5. $3v + x = -8$
 $6v = -6$

2. $4a + 2z = 3$
 $a = 0$

6. $5b + 3c = -3$
 $5b = 0$

3. $6v + 2z = 10$
 $2v = 2$

7. $a + 6b = -16$
 $5a = -20$

4. $6c + x = -6$
 $2c = -2$

8. $5a + 4x = -3$
 $3a = -3$

Sistemas Lineales (D) Respuestas

Resuelva cada sistema de ecuaciones.

$$\begin{aligned}1. \quad & 2u + 2x = 0 \\ & 2u = -2 \\ & u = -1, x = 1\end{aligned}$$

$$\begin{aligned}5. \quad & 3v + x = -8 \\ & 6v = -6 \\ & v = -1, x = -5\end{aligned}$$

$$\begin{aligned}2. \quad & 4a + 2z = 3 \\ & a = 0 \\ & a = 0, z = \frac{3}{2}\end{aligned}$$

$$\begin{aligned}6. \quad & 5b + 3c = -3 \\ & 5b = 0 \\ & b = 0, c = -1\end{aligned}$$

$$\begin{aligned}3. \quad & 6v + 2z = 10 \\ & 2v = 2 \\ & v = 1, z = 2\end{aligned}$$

$$\begin{aligned}7. \quad & a + 6b = -16 \\ & 5a = -20 \\ & a = -4, b = -2\end{aligned}$$

$$\begin{aligned}4. \quad & 6c + x = -6 \\ & 2c = -2 \\ & c = -1, x = 0\end{aligned}$$

$$\begin{aligned}8. \quad & 5a + 4x = -3 \\ & 3a = -3 \\ & a = -1, x = \frac{1}{2}\end{aligned}$$

Sistemas Lineales (E)

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 3c + 4y = 3 \\ & 5c = 5 \end{aligned}$$

$$\begin{aligned} 5. \quad & 4u + 6y = 6 \\ & 6u = -18 \end{aligned}$$

$$\begin{aligned} 2. \quad & 6a + 4x = 8 \\ & 5a = 10 \end{aligned}$$

$$\begin{aligned} 6. \quad & 4a + 5b = 6 \\ & 4a = 1 \end{aligned}$$

$$\begin{aligned} 3. \quad & c + x = -2 \\ & 6c = -6 \end{aligned}$$

$$\begin{aligned} 7. \quad & 5c + 3v = 3 \\ & 3c = 0 \end{aligned}$$

$$\begin{aligned} 4. \quad & 2b + 4v = 2 \\ & 6b = 0 \end{aligned}$$

$$\begin{aligned} 8. \quad & 2a + 5u = 3 \\ & 4a = 6 \end{aligned}$$

Sistemas Lineales (E) Respuestas

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 3c + 4y = 3 \\ & 5c = 5 \\ & c = 1, y = 0 \end{aligned}$$

$$\begin{aligned} 5. \quad & 4u + 6y = 6 \\ & 6u = -18 \\ & u = -3, y = 3 \end{aligned}$$

$$\begin{aligned} 2. \quad & 6a + 4x = 8 \\ & 5a = 10 \\ & a = 2, x = -1 \end{aligned}$$

$$\begin{aligned} 6. \quad & 4a + 5b = 6 \\ & 4a = 1 \\ & a = \frac{1}{4}, b = 1 \end{aligned}$$

$$\begin{aligned} 3. \quad & c + x = -2 \\ & 6c = -6 \\ & c = -1, x = -1 \end{aligned}$$

$$\begin{aligned} 7. \quad & 5c + 3v = 3 \\ & 3c = 0 \\ & c = 0, v = 1 \end{aligned}$$

$$\begin{aligned} 4. \quad & 2b + 4v = 2 \\ & 6b = 0 \\ & b = 0, v = \frac{1}{2} \end{aligned}$$

$$\begin{aligned} 8. \quad & 2a + 5u = 3 \\ & 4a = 6 \\ & a = \frac{3}{2}, u = 0 \end{aligned}$$

Sistemas Lineales (F)

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 6c + 5x = 8 \\ & 4c = 6 \end{aligned}$$

$$\begin{aligned} 5. \quad & 6v + 5x = 8 \\ & 6v = 8 \end{aligned}$$

$$\begin{aligned} 2. \quad & c + 6u = -4 \\ & 5c = -5 \end{aligned}$$

$$\begin{aligned} 6. \quad & 3b + y = 1 \\ & 6b = 0 \end{aligned}$$

$$\begin{aligned} 3. \quad & 6a + 6x = 2 \\ & 3a = 0 \end{aligned}$$

$$\begin{aligned} 7. \quad & 3c + 4x = 2 \\ & 6c = 0 \end{aligned}$$

$$\begin{aligned} 4. \quad & 3b + 4u = -20 \\ & b = -4 \end{aligned}$$

$$\begin{aligned} 8. \quad & 4c + 5z = 3 \\ & 5c = 5 \end{aligned}$$

Sistemas Lineales (F) Respuestas

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 6c + 5x = 8 \\ & 4c = 6 \\ & c = \frac{3}{2}, x = -\frac{1}{5} \end{aligned}$$

$$\begin{aligned} 5. \quad & 6v + 5x = 8 \\ & 6v = 8 \\ & v = \frac{4}{3}, x = 0 \end{aligned}$$

$$\begin{aligned} 2. \quad & c + 6u = -4 \\ & 5c = -5 \\ & c = -1, u = -\frac{1}{2} \end{aligned}$$

$$\begin{aligned} 6. \quad & 3b + y = 1 \\ & 6b = 0 \\ & b = 0, y = 1 \end{aligned}$$

$$\begin{aligned} 3. \quad & 6a + 6x = 2 \\ & 3a = 0 \\ & a = 0, x = \frac{1}{3} \end{aligned}$$

$$\begin{aligned} 7. \quad & 3c + 4x = 2 \\ & 6c = 0 \\ & c = 0, x = \frac{1}{2} \end{aligned}$$

$$\begin{aligned} 4. \quad & 3b + 4u = -20 \\ & b = -4 \\ & b = -4, u = -2 \end{aligned}$$

$$\begin{aligned} 8. \quad & 4c + 5z = 3 \\ & 5c = 5 \\ & c = 1, z = -\frac{1}{5} \end{aligned}$$

Sistemas Lineales (G)

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 3a + 3z = 3 \\ & 6a = 3 \end{aligned}$$

$$\begin{aligned} 5. \quad & 3x + 6y = -18 \\ & 2x = -8 \end{aligned}$$

$$\begin{aligned} 2. \quad & 4a + 5y = 1 \\ & a = 1 \end{aligned}$$

$$\begin{aligned} 6. \quad & 6a + 3x = 2 \\ & 6a = 0 \end{aligned}$$

$$\begin{aligned} 3. \quad & 3x + 6z = -5 \\ & x = -5 \end{aligned}$$

$$\begin{aligned} 7. \quad & b + 5y = 2 \\ & 4b = 8 \end{aligned}$$

$$\begin{aligned} 4. \quad & 3u + 6z = -11 \\ & 3u = -6 \end{aligned}$$

$$\begin{aligned} 8. \quad & 5c + 4x = -6 \\ & c = -2 \end{aligned}$$

Sistemas Lineales (G) Respuestas

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 3a + 3z = 3 \\ & 6a = 3 \\ & a = \frac{1}{2}, z = \frac{1}{2} \end{aligned}$$

$$\begin{aligned} 5. \quad & 3x + 6y = -18 \\ & 2x = -8 \\ & x = -4, y = -1 \end{aligned}$$

$$\begin{aligned} 2. \quad & 4a + 5y = 1 \\ & a = 1 \\ & a = 1, y = -\frac{3}{5} \end{aligned}$$

$$\begin{aligned} 6. \quad & 6a + 3x = 2 \\ & 6a = 0 \\ & a = 0, x = \frac{2}{3} \end{aligned}$$

$$\begin{aligned} 3. \quad & 3x + 6z = -5 \\ & x = -5 \\ & x = -5, z = \frac{5}{3} \end{aligned}$$

$$\begin{aligned} 7. \quad & b + 5y = 2 \\ & 4b = 8 \\ & b = 2, y = 0 \end{aligned}$$

$$\begin{aligned} 4. \quad & 3u + 6z = -11 \\ & 3u = -6 \\ & u = -2, z = -\frac{5}{6} \end{aligned}$$

$$\begin{aligned} 8. \quad & 5c + 4x = -6 \\ & c = -2 \\ & c = -2, x = 1 \end{aligned}$$

Sistemas Lineales (H)

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 6c + y = -17 \\ & 6c = -12 \end{aligned}$$

$$\begin{aligned} 5. \quad & b + x = 6 \\ & 2b = 2 \end{aligned}$$

$$\begin{aligned} 2. \quad & 2a + 4x = 2 \\ & 2a = 2 \end{aligned}$$

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

$$\begin{aligned} 3. \quad & 6b + 3c = -8 \\ & 3b = -4 \end{aligned}$$

$$\begin{aligned} 7. \quad & 5c + 6u = -13 \\ & 2c = 2 \end{aligned}$$

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

$$\begin{aligned} 8. \quad & 5b + 6x = 6 \\ & b = 0 \end{aligned}$$

Sistemas Lineales (H) Respuestas

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 6c + y = -17 \\ & 6c = -12 \\ & c = -2, y = -5 \end{aligned}$$

$$\begin{aligned} 5. \quad & b + x = 6 \\ & 2b = 2 \\ & b = 1, x = 5 \end{aligned}$$

$$\begin{aligned} 2. \quad & 2a + 4x = 2 \\ & 2a = 2 \\ & a = 1, x = 0 \end{aligned}$$

$$\begin{aligned} 6. \quad & b + 5c = 2 \\ & 2b = 2 \\ & b = 1, c = \frac{1}{5} \end{aligned}$$

$$\begin{aligned} 3. \quad & 6b + 3c = -8 \\ & 3b = -4 \\ & b = -\frac{4}{3}, c = 0 \end{aligned}$$

$$\begin{aligned} 7. \quad & 5c + 6u = -13 \\ & 2c = 2 \\ & c = 1, u = -3 \end{aligned}$$

$$\begin{aligned} 4. \quad & 2b + 2v = -1 \\ & 4b = 2 \\ & b = \frac{1}{2}, v = -1 \end{aligned}$$

$$\begin{aligned} 8. \quad & 5b + 6x = 6 \\ & b = 0 \\ & b = 0, x = 1 \end{aligned}$$

Sistemas Lineales (I)

Resuelva cada sistema de ecuaciones.

1. $2x + 5y = -4$
 $6x = -12$

5. $6b + 3u = -15$
 $3b = -12$

2. $5u + 2v = 9$
 $6u = 6$

6. $2x + 4z = -7$
 $6x = 3$

3. $2a + 4v = 6$
 $3a = 0$

7. $4a + 3b = -12$
 $6a = -9$

4. $5v + 2y = 7$
 $6v = 6$

8. $3x + 6y = -12$
 $2x = -4$

Sistemas Lineales (I) Respuestas

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 2x + 5y = -4 \\ & 6x = -12 \\ & x = -2, y = 0 \end{aligned}$$

$$\begin{aligned} 5. \quad & 6b + 3u = -15 \\ & 3b = -12 \\ & b = -4, u = 3 \end{aligned}$$

$$\begin{aligned} 2. \quad & 5u + 2v = 9 \\ & 6u = 6 \\ & u = 1, v = 2 \end{aligned}$$

$$\begin{aligned} 6. \quad & 2x + 4z = -7 \\ & 6x = 3 \\ & x = \frac{1}{2}, z = -2 \end{aligned}$$

$$\begin{aligned} 3. \quad & 2a + 4v = 6 \\ & 3a = 0 \\ & a = 0, v = \frac{3}{2} \end{aligned}$$

$$\begin{aligned} 7. \quad & 4a + 3b = -12 \\ & 6a = -9 \\ & a = -\frac{3}{2}, b = -2 \end{aligned}$$

$$\begin{aligned} 4. \quad & 5v + 2y = 7 \\ & 6v = 6 \\ & v = 1, y = 1 \end{aligned}$$

$$\begin{aligned} 8. \quad & 3x + 6y = -12 \\ & 2x = -4 \\ & x = -2, y = -1 \end{aligned}$$

Sistemas Lineales (J)

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 2a + 5y = -5 \\ & 4a = -10 \end{aligned}$$

$$\begin{aligned} 5. \quad & 5v + y = -24 \\ & 4v = -20 \end{aligned}$$

$$\begin{aligned} 2. \quad & 6x + 5y = 31 \\ & 6x = 30 \end{aligned}$$

$$\begin{aligned} 6. \quad & 3a + 3y = 6 \\ & 3a = 3 \end{aligned}$$

$$\begin{aligned} 3. \quad & 3y + 2z = -2 \\ & 5y = 0 \end{aligned}$$

$$\begin{aligned} 7. \quad & 2u + 2v = 5 \\ & 4u = 8 \end{aligned}$$

$$\begin{aligned} 4. \quad & 4c + 5u = -12 \\ & 5c = -15 \end{aligned}$$

$$\begin{aligned} 8. \quad & 4x + 3y = -1 \\ & 5x = -5 \end{aligned}$$

Sistemas Lineales (J) Respuestas

Resuelva cada sistema de ecuaciones.

$$\begin{aligned}1. \quad & 2a + 5y = -5 \\ & 4a = -10 \\ & a = -\frac{5}{2}, y = 0\end{aligned}$$

$$\begin{aligned}5. \quad & 5v + y = -24 \\ & 4v = -20 \\ & v = -5, y = 1\end{aligned}$$

$$\begin{aligned}2. \quad & 6x + 5y = 31 \\ & 6x = 30 \\ & x = 5, y = \frac{1}{5}\end{aligned}$$

$$\begin{aligned}6. \quad & 3a + 3y = 6 \\ & 3a = 3 \\ & a = 1, y = 1\end{aligned}$$

$$\begin{aligned}3. \quad & 3y + 2z = -2 \\ & 5y = 0 \\ & y = 0, z = -1\end{aligned}$$

$$\begin{aligned}7. \quad & 2u + 2v = 5 \\ & 4u = 8 \\ & u = 2, v = \frac{1}{2}\end{aligned}$$

$$\begin{aligned}4. \quad & 4c + 5u = -12 \\ & 5c = -15 \\ & c = -3, u = 0\end{aligned}$$

$$\begin{aligned}8. \quad & 4x + 3y = -1 \\ & 5x = -5 \\ & x = -1, y = 1\end{aligned}$$