

Sistemas Lineales (A)

Resuelva cada sistema de ecuaciones.

1. $4c + 6x = 36$
 $3c = 9$

5. $4c + 3z = 26$
 $5c = 10$

2. $3a + 4c = 22$
 $5a = 10$

6. $3x + 4y = 18$
 $6x = 12$

3. $3c + 6z = 30$
 $5c = 10$

7. $3a + y = 9$
 $a = 2$

4. $4b + 2z = 20$
 $3b = 12$

8. $b + 3x = 10$
 $5b = 20$

Sistemas Lineales (A) Respuestas

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 4c + 6x = 36 \\ & 3c = 9 \\ & c = 3, x = 4 \end{aligned}$$

$$\begin{aligned} 5. \quad & 4c + 3z = 26 \\ & 5c = 10 \\ & c = 2, z = 6 \end{aligned}$$

$$\begin{aligned} 2. \quad & 3a + 4c = 22 \\ & 5a = 10 \\ & a = 2, c = 4 \end{aligned}$$

$$\begin{aligned} 6. \quad & 3x + 4y = 18 \\ & 6x = 12 \\ & x = 2, y = 3 \end{aligned}$$

$$\begin{aligned} 3. \quad & 3c + 6z = 30 \\ & 5c = 10 \\ & c = 2, z = 4 \end{aligned}$$

$$\begin{aligned} 7. \quad & 3a + y = 9 \\ & a = 2 \\ & a = 2, y = 3 \end{aligned}$$

$$\begin{aligned} 4. \quad & 4b + 2z = 20 \\ & 3b = 12 \\ & b = 4, z = 2 \end{aligned}$$

$$\begin{aligned} 8. \quad & b + 3x = 10 \\ & 5b = 20 \\ & b = 4, x = 2 \end{aligned}$$

Sistemas Lineales (B)

Resuelva cada sistema de ecuaciones.

1. $3b + 2y = 11$
 $b = 1$

5. $x + 2y = 6$
 $3x = 12$

2. $6c + x = 29$
 $2c = 8$

6. $b + z = 7$
 $4b = 24$

3. $a + 5u = 25$
 $6a = 30$

7. $6c + 6y = 30$
 $c = 1$

4. $3b + 3v = 21$
 $b = 2$

8. $3v + 4z = 36$
 $2v = 8$

Sistemas Lineales (B) Respuestas

Resuelva cada sistema de ecuaciones.

1. $3b + 2y = 11$
 $b = 1$
 $b = 1, y = 4$

5. $x + 2y = 6$
 $3x = 12$
 $x = 4, y = 1$

2. $6c + x = 29$
 $2c = 8$
 $c = 4, x = 5$

6. $b + z = 7$
 $4b = 24$
 $b = 6, z = 1$

3. $a + 5u = 25$
 $6a = 30$
 $a = 5, u = 4$

7. $6c + 6y = 30$
 $c = 1$
 $c = 1, y = 4$

4. $3b + 3v = 21$
 $b = 2$
 $b = 2, v = 5$

8. $3v + 4z = 36$
 $2v = 8$
 $v = 4, z = 6$

Sistemas Lineales (C)

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 6x + 4z = 56 \\ & 4x = 24 \end{aligned}$$

$$\begin{aligned} 5. \quad & 2u + 6x = 28 \\ & 2u = 10 \end{aligned}$$

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

$$\begin{aligned} 6. \quad & v + 2y = 9 \\ & 2v = 2 \end{aligned}$$

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

$$\begin{aligned} 7. \quad & 6u + 4x = 38 \\ & 2u = 6 \end{aligned}$$

$$\begin{aligned} 4. \quad & 3b + 6u = 42 \\ & 4b = 16 \end{aligned}$$

$$\begin{aligned} 8. \quad & u + 5z = 16 \\ & 3u = 3 \end{aligned}$$

Sistemas Lineales (C) Respuestas

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 6x + 4z = 56 \\ & 4x = 24 \\ & x = 6, z = 5 \end{aligned}$$

$$\begin{aligned} 5. \quad & 2u + 6x = 28 \\ & 2u = 10 \\ & u = 5, x = 3 \end{aligned}$$

$$\begin{aligned} 2. \quad & 4u + 6x = 10 \\ & 6u = 6 \\ & u = 1, x = 1 \end{aligned}$$

$$\begin{aligned} 6. \quad & v + 2y = 9 \\ & 2v = 2 \\ & v = 1, y = 4 \end{aligned}$$

$$\begin{aligned} 3. \quad & a + 2y = 11 \\ & a = 3 \\ & a = 3, y = 4 \end{aligned}$$

$$\begin{aligned} 7. \quad & 6u + 4x = 38 \\ & 2u = 6 \\ & u = 3, x = 5 \end{aligned}$$

$$\begin{aligned} 4. \quad & 3b + 6u = 42 \\ & 4b = 16 \\ & b = 4, u = 5 \end{aligned}$$

$$\begin{aligned} 8. \quad & u + 5z = 16 \\ & 3u = 3 \\ & u = 1, z = 3 \end{aligned}$$

Sistemas Lineales (D)

Resuelva cada sistema de ecuaciones.

1. $5b + v = 21$
 $2b = 8$

5. $6b + c = 22$
 $5b = 15$

2. $3b + 2u = 16$
 $3b = 6$

6. $3b + 4c = 18$
 $b = 2$

3. $4b + 6v = 24$
 $4b = 12$

7. $2a + 2y = 12$
 $4a = 8$

4. $x + z = 8$
 $5x = 25$

8. $v + 4y = 28$
 $2v = 8$

Sistemas Lineales (D) Respuestas

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 5b + v = 21 \\ & 2b = 8 \\ & b = 4, v = 1 \end{aligned}$$

$$\begin{aligned} 5. \quad & 6b + c = 22 \\ & 5b = 15 \\ & b = 3, c = 4 \end{aligned}$$

$$\begin{aligned} 2. \quad & 3b + 2u = 16 \\ & 3b = 6 \\ & b = 2, u = 5 \end{aligned}$$

$$\begin{aligned} 6. \quad & 3b + 4c = 18 \\ & b = 2 \\ & b = 2, c = 3 \end{aligned}$$

$$\begin{aligned} 3. \quad & 4b + 6v = 24 \\ & 4b = 12 \\ & b = 3, v = 2 \end{aligned}$$

$$\begin{aligned} 7. \quad & 2a + 2y = 12 \\ & 4a = 8 \\ & a = 2, y = 4 \end{aligned}$$

$$\begin{aligned} 4. \quad & x + z = 8 \\ & 5x = 25 \\ & x = 5, z = 3 \end{aligned}$$

$$\begin{aligned} 8. \quad & v + 4y = 28 \\ & 2v = 8 \\ & v = 4, y = 6 \end{aligned}$$

Sistemas Lineales (E)

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 2x + z = 17 \\ & 2x = 12 \end{aligned}$$

$$\begin{aligned} 5. \quad & 4a + 2z = 28 \\ & 5a = 20 \end{aligned}$$

$$\begin{aligned} 2. \quad & 6a + 3z = 42 \\ & 5a = 30 \end{aligned}$$

$$\begin{aligned} 6. \quad & b + 2x = 6 \\ & 3b = 12 \end{aligned}$$

$$\begin{aligned} 3. \quad & 3b + 6v = 24 \\ & b = 6 \end{aligned}$$

$$\begin{aligned} 7. \quad & 4a + 2c = 32 \\ & 2a = 12 \end{aligned}$$

$$\begin{aligned} 4. \quad & 4u + 5y = 50 \\ & u = 5 \end{aligned}$$

$$\begin{aligned} 8. \quad & 6v + 6x = 60 \\ & 2v = 8 \end{aligned}$$

Sistemas Lineales (E) Respuestas

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 2x + z = 17 \\ & 2x = 12 \\ & x = 6, z = 5 \end{aligned}$$

$$\begin{aligned} 5. \quad & 4a + 2z = 28 \\ & 5a = 20 \\ & a = 4, z = 6 \end{aligned}$$

$$\begin{aligned} 2. \quad & 6a + 3z = 42 \\ & 5a = 30 \\ & a = 6, z = 2 \end{aligned}$$

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

$$\begin{aligned} 3. \quad & 3b + 6v = 24 \\ & b = 6 \\ & b = 6, v = 1 \end{aligned}$$

$$\begin{aligned} 7. \quad & 4a + 2c = 32 \\ & 2a = 12 \\ & a = 6, c = 4 \end{aligned}$$

$$\begin{aligned} 4. \quad & 4u + 5y = 50 \\ & u = 5 \\ & u = 5, y = 6 \end{aligned}$$

$$\begin{aligned} 8. \quad & 6v + 6x = 60 \\ & 2v = 8 \\ & v = 4, x = 6 \end{aligned}$$

Sistemas Lineales (F)

Resuelva cada sistema de ecuaciones.

1. $4c + x = 16$
 $6c = 18$

5. $x + z = 4$
 $2x = 6$

2. $c + 4z = 27$
 $6c = 18$

6. $4a + 5y = 39$
 $a = 6$

3. $3u + 4z = 24$
 $4u = 16$

7. $5a + 2c = 20$
 $2a = 4$

4. $3x + y = 13$
 $2x = 8$

8. $6u + z = 29$
 $6u = 24$

Sistemas Lineales (F) Respuestas

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 4c + x = 16 \\ & 6c = 18 \\ & c = 3, x = 4 \end{aligned}$$

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

$$\begin{aligned} 2. \quad & c + 4z = 27 \\ & 6c = 18 \\ & c = 3, z = 6 \end{aligned}$$

$$\begin{aligned} 6. \quad & 4a + 5y = 39 \\ & a = 6 \\ & a = 6, y = 3 \end{aligned}$$

$$\begin{aligned} 3. \quad & 3u + 4z = 24 \\ & 4u = 16 \\ & u = 4, z = 3 \end{aligned}$$

$$\begin{aligned} 7. \quad & 5a + 2c = 20 \\ & 2a = 4 \\ & a = 2, c = 5 \end{aligned}$$

$$\begin{aligned} 4. \quad & 3x + y = 13 \\ & 2x = 8 \\ & x = 4, y = 1 \end{aligned}$$

$$\begin{aligned} 8. \quad & 6u + z = 29 \\ & 6u = 24 \\ & u = 4, z = 5 \end{aligned}$$

Sistemas Lineales (G)

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 2c + 2u = 24 \\ & c = 6 \end{aligned}$$

$$\begin{aligned} 5. \quad & 4c + y = 26 \\ & c = 6 \end{aligned}$$

$$\begin{aligned} 2. \quad & 6c + 2v = 28 \\ & 6c = 18 \end{aligned}$$

$$\begin{aligned} 6. \quad & 3c + 2z = 28 \\ & 4c = 24 \end{aligned}$$

$$\begin{aligned} 3. \quad & 2a + 2b = 12 \\ & 4a = 20 \end{aligned}$$

$$\begin{aligned} 7. \quad & 3a + 3c = 18 \\ & 6a = 24 \end{aligned}$$

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

$$\begin{aligned} 8. \quad & 4a + 3z = 13 \\ & a = 1 \end{aligned}$$

Sistemas Lineales (G) Respuestas

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 2c + 2u = 24 \\ & c = 6 \\ & c = 6, u = 6 \end{aligned}$$

$$\begin{aligned} 5. \quad & 4c + y = 26 \\ & c = 6 \\ & c = 6, y = 2 \end{aligned}$$

$$\begin{aligned} 2. \quad & 6c + 2v = 28 \\ & 6c = 18 \\ & c = 3, v = 5 \end{aligned}$$

$$\begin{aligned} 6. \quad & 3c + 2z = 28 \\ & 4c = 24 \\ & c = 6, z = 5 \end{aligned}$$

$$\begin{aligned} 3. \quad & 2a + 2b = 12 \\ & 4a = 20 \\ & a = 5, b = 1 \end{aligned}$$

$$\begin{aligned} 7. \quad & 3a + 3c = 18 \\ & 6a = 24 \\ & a = 4, c = 2 \end{aligned}$$

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

$$\begin{aligned} 8. \quad & 4a + 3z = 13 \\ & a = 1 \\ & a = 1, z = 3 \end{aligned}$$

Sistemas Lineales (H)

Resuelva cada sistema de ecuaciones.

1. $4a + 3b = 34$
 $5a = 20$

5. $2v + 5x = 40$
 $5v = 25$

2. $5b + 3u = 22$
 $b = 2$

6. $5b + 3y = 20$
 $b = 1$

3. $4c + 6v = 28$
 $6c = 6$

7. $6x + 4z = 40$
 $x = 6$

4. $c + 5u = 21$
 $3c = 18$

8. $6b + 5v = 55$
 $4b = 20$

Sistemas Lineales (H) Respuestas

Resuelva cada sistema de ecuaciones.

1. $4a + 3b = 34$
 $5a = 20$
 $a = 4, b = 6$

5. $2v + 5x = 40$
 $5v = 25$
 $v = 5, x = 6$

2. $5b + 3u = 22$
 $b = 2$
 $b = 2, u = 4$

6. $5b + 3y = 20$
 $b = 1$
 $b = 1, y = 5$

3. $4c + 6v = 28$
 $6c = 6$
 $c = 1, v = 4$

7. $6x + 4z = 40$
 $x = 6$
 $x = 6, z = 1$

4. $c + 5u = 21$
 $3c = 18$
 $c = 6, u = 3$

8. $6b + 5v = 55$
 $4b = 20$
 $b = 5, v = 5$

Sistemas Lineales (I)

Resuelva cada sistema de ecuaciones.

1. $5b + 6v = 66$
 $3b = 18$

5. $4a + 3c = 11$
 $6a = 12$

2. $a + 6c = 41$
 $6a = 30$

6. $b + 5u = 31$
 $5b = 5$

3. $5u + 3y = 33$
 $3u = 18$

7. $2b + 5c = 24$
 $2b = 4$

4. $3x + 4z = 22$
 $5x = 10$

8. $5b + 5c = 25$
 $5b = 15$

Sistemas Lineales (I) Respuestas

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 5b + 6v = 66 \\ & 3b = 18 \\ & b = 6, v = 6 \end{aligned}$$

$$\begin{aligned} 5. \quad & 4a + 3c = 11 \\ & 6a = 12 \\ & a = 2, c = 1 \end{aligned}$$

$$\begin{aligned} 2. \quad & a + 6c = 41 \\ & 6a = 30 \\ & a = 5, c = 6 \end{aligned}$$

$$\begin{aligned} 6. \quad & b + 5u = 31 \\ & 5b = 5 \\ & b = 1, u = 6 \end{aligned}$$

$$\begin{aligned} 3. \quad & 5u + 3y = 33 \\ & 3u = 18 \\ & u = 6, y = 1 \end{aligned}$$

$$\begin{aligned} 7. \quad & 2b + 5c = 24 \\ & 2b = 4 \\ & b = 2, c = 4 \end{aligned}$$

$$\begin{aligned} 4. \quad & 3x + 4z = 22 \\ & 5x = 10 \\ & x = 2, z = 4 \end{aligned}$$

$$\begin{aligned} 8. \quad & 5b + 5c = 25 \\ & 5b = 15 \\ & b = 3, c = 2 \end{aligned}$$

Sistemas Lineales (J)

Resuelva cada sistema de ecuaciones.

1. $4c + 5y = 26$
 $2c = 8$

5. $6b + 4z = 22$
 $3b = 9$

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

6. $6b + 4x = 14$
 $2b = 2$

3. $5u + 4v = 14$
 $5u = 10$

7. $b + 3y = 21$
 $2b = 12$

4. $a + b = 7$
 $a = 4$

8. $3c + 4u = 23$
 $3c = 15$

Sistemas Lineales (J) Respuestas

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 4c + 5y = 26 \\ & 2c = 8 \\ & c = 4, y = 2 \end{aligned}$$

$$\begin{aligned} 5. \quad & 6b + 4z = 22 \\ & 3b = 9 \\ & b = 3, z = 1 \end{aligned}$$

$$\begin{aligned} 2. \quad & 3c + z = 5 \\ & 4c = 4 \\ & c = 1, z = 2 \end{aligned}$$

$$\begin{aligned} 6. \quad & 6b + 4x = 14 \\ & 2b = 2 \\ & b = 1, x = 2 \end{aligned}$$

$$\begin{aligned} 3. \quad & 5u + 4v = 14 \\ & 5u = 10 \\ & u = 2, v = 1 \end{aligned}$$

$$\begin{aligned} 7. \quad & b + 3y = 21 \\ & 2b = 12 \\ & b = 6, y = 5 \end{aligned}$$

$$\begin{aligned} 4. \quad & a + b = 7 \\ & a = 4 \\ & a = 4, b = 3 \end{aligned}$$

$$\begin{aligned} 8. \quad & 3c + 4u = 23 \\ & 3c = 15 \\ & c = 5, u = 2 \end{aligned}$$