

## Sistemas Lineales (C)

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 3u + 3v + 5x = 46 \\ & 2u + 6v = 48 \\ & u = 6 \end{aligned}$$

$$\begin{aligned} 5. \quad & 4b + 2v + 2z = 24 \\ & 2b + 2v = 12 \\ & 3b = 3 \end{aligned}$$

$$\begin{aligned} 2. \quad & 3v + x + 3y = 12 \\ & 5v + 5x = 25 \\ & 5v = 10 \end{aligned}$$

$$\begin{aligned} 6. \quad & 3u + 6y + 5z = 30 \\ & 3u + 4y = 11 \\ & u = 1 \end{aligned}$$

$$\begin{aligned} 3. \quad & 6a + 5c + 6u = 38 \\ & 3a + 5c = 23 \\ & 2a = 2 \end{aligned}$$

$$\begin{aligned} 7. \quad & 2b + 4y + 6z = 48 \\ & 2b + 6y = 34 \\ & 5b = 10 \end{aligned}$$

$$\begin{aligned} 4. \quad & 4u + 6y + 2z = 28 \\ & 2u + 4y = 12 \\ & 2u = 4 \end{aligned}$$

$$\begin{aligned} 8. \quad & 4b + u + y = 22 \\ & 5b + 2u = 23 \\ & b = 3 \end{aligned}$$

## Sistemas Lineales (C) Respuestas

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 3u + 3v + 5x = 46 \\ & 2u + 6v = 48 \\ & u = 6 \\ & u = 6, v = 6, x = 2 \end{aligned}$$

$$\begin{aligned} 5. \quad & 4b + 2v + 2z = 24 \\ & 2b + 2v = 12 \\ & 3b = 3 \\ & b = 1, v = 5, z = 5 \end{aligned}$$

$$\begin{aligned} 2. \quad & 3v + x + 3y = 12 \\ & 5v + 5x = 25 \\ & 5v = 10 \\ & v = 2, x = 3, y = 1 \end{aligned}$$

$$\begin{aligned} 6. \quad & 3u + 6y + 5z = 30 \\ & 3u + 4y = 11 \\ & u = 1 \\ & u = 1, y = 2, z = 3 \end{aligned}$$

$$\begin{aligned} 3. \quad & 6a + 5c + 6u = 38 \\ & 3a + 5c = 23 \\ & 2a = 2 \\ & a = 1, c = 4, u = 2 \end{aligned}$$

$$\begin{aligned} 7. \quad & 2b + 4y + 6z = 48 \\ & 2b + 6y = 34 \\ & 5b = 10 \\ & b = 2, y = 5, z = 4 \end{aligned}$$

$$\begin{aligned} 4. \quad & 4u + 6y + 2z = 28 \\ & 2u + 4y = 12 \\ & 2u = 4 \\ & u = 2, y = 2, z = 4 \end{aligned}$$

$$\begin{aligned} 8. \quad & 4b + u + y = 22 \\ & 5b + 2u = 23 \\ & b = 3 \\ & b = 3, u = 4, y = 6 \end{aligned}$$