

## Sistemas Lineales (C)

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 4u + 4y + 3z = -5 \\ & 5u + 4y = -10 \\ & 6u = -12 \end{aligned}$$

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

$$\begin{aligned} 2. \quad & 3b + 3v + 2y = -10 \\ & 5b + v = -2 \\ & 3b = 0 \end{aligned}$$

$$\begin{aligned} 6. \quad & 4u + 4v + 6x = -24 \\ & 5u + 4v = -20 \\ & 6u = 0 \end{aligned}$$

$$\begin{aligned} 3. \quad & a + 4b + 3v = 1 \\ & 4a + 6b = -1 \\ & 4a = -4 \end{aligned}$$

$$\begin{aligned} 7. \quad & 4x + 3y + z = 1 \\ & 5x + 4y = 4 \\ & 4x = 0 \end{aligned}$$

$$\begin{aligned} 4. \quad & 6b + 4x + 6z = 10 \\ & 2b + 3x = 3 \\ & 5b = 0 \end{aligned}$$

$$\begin{aligned} 8. \quad & 6c + 3x + z = 6 \\ & 2c + x = 2 \\ & 5c = 0 \end{aligned}$$

## Sistemas Lineales (C) Respuestas

Resuelva cada sistema de ecuaciones.

$$\begin{aligned}1. \quad & 4u + 4y + 3z = -5 \\ & 5u + 4y = -10 \\ & 6u = -12 \\ & u = -2, y = 0, z = 1\end{aligned}$$

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

$$\begin{aligned}2. \quad & 3b + 3v + 2y = -10 \\ & 5b + v = -2 \\ & 3b = 0 \\ & b = 0, v = -2, y = -2\end{aligned}$$

$$\begin{aligned}6. \quad & 4u + 4v + 6x = -24 \\ & 5u + 4v = -20 \\ & 6u = 0 \\ & u = 0, v = -5, x = -\frac{2}{3}\end{aligned}$$

$$\begin{aligned}3. \quad & a + 4b + 3v = 1 \\ & 4a + 6b = -1 \\ & 4a = -4 \\ & a = -1, b = \frac{1}{2}, v = 0\end{aligned}$$

$$\begin{aligned}7. \quad & 4x + 3y + z = 1 \\ & 5x + 4y = 4 \\ & 4x = 0 \\ & x = 0, y = 1, z = -2\end{aligned}$$

$$\begin{aligned}4. \quad & 6b + 4x + 6z = 10 \\ & 2b + 3x = 3 \\ & 5b = 0 \\ & b = 0, x = 1, z = 1\end{aligned}$$

$$\begin{aligned}8. \quad & 6c + 3x + z = 6 \\ & 2c + x = 2 \\ & 5c = 0 \\ & c = 0, x = 2, z = 0\end{aligned}$$