

## Sistemas Lineales (A)

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 2b + 3v + 4y = -19 \\ & 5b + 4v = -14 \\ & 2b = -4 \end{aligned}$$

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

$$\begin{aligned} 2. \quad & 4b + 5c + 2x = -4 \\ & 2b + 6c = -6 \\ & 4b = 0 \end{aligned}$$

$$\begin{aligned} 6. \quad & 3a + 3x + y = 1 \\ & 5a + 2x = 0 \\ & a = 0 \end{aligned}$$

$$\begin{aligned} 3. \quad & 6c + u + 3v = -10 \\ & 2c + 6u = 3 \\ & 2c = -3 \end{aligned}$$

$$\begin{aligned} 7. \quad & b + 3c + z = -5 \\ & 3b + 4c = 0 \\ & 6b = 0 \end{aligned}$$

$$\begin{aligned} 4. \quad & 6a + 4v + 6x = -40 \\ & 6a + 3v = -33 \\ & 4a = -20 \end{aligned}$$

$$\begin{aligned} 8. \quad & 3b + 6c + 2v = 24 \\ & 2b + 2c = 10 \\ & 6b = 12 \end{aligned}$$

## Sistemas Lineales (A) Respuestas

Resuelva cada sistema de ecuaciones.

$$\begin{aligned}1. \quad & 2b + 3v + 4y = -19 \\ & 5b + 4v = -14 \\ & 2b = -4 \\ & b = -2, v = -1, y = -3\end{aligned}$$

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

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

$$\begin{aligned}6. \quad & 3a + 3x + y = 1 \\ & 5a + 2x = 0 \\ & a = 0 \\ & a = 0, x = 0, y = 1\end{aligned}$$

$$\begin{aligned}3. \quad & 6c + u + 3v = -10 \\ & 2c + 6u = 3 \\ & 2c = -3 \\ & c = -\frac{3}{2}, u = 1, v = -\frac{2}{3}\end{aligned}$$

$$\begin{aligned}7. \quad & b + 3c + z = -5 \\ & 3b + 4c = 0 \\ & 6b = 0 \\ & b = 0, c = 0, z = -5\end{aligned}$$

$$\begin{aligned}4. \quad & 6a + 4v + 6x = -40 \\ & 6a + 3v = -33 \\ & 4a = -20 \\ & a = -5, v = -1, x = -1\end{aligned}$$

$$\begin{aligned}8. \quad & 3b + 6c + 2v = 24 \\ & 2b + 2c = 10 \\ & 6b = 12 \\ & b = 2, c = 3, v = 0\end{aligned}$$