

Sistemas Lineales (C)

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 6v + 4x = 16 \\ & 3v + 3x = 9 \end{aligned}$$

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

$$\begin{aligned} 2. \quad & 3b + u = -7 \\ & 6b + 5u = -26 \end{aligned}$$

$$\begin{aligned} 6. \quad & a + 3v = 6 \\ & 6a + 6v = 12 \end{aligned}$$

$$\begin{aligned} 3. \quad & 4y + z = 0 \\ & 6y + 6z = 6 \end{aligned}$$

$$\begin{aligned} 7. \quad & 3u + 5x = 8 \\ & 5u + 5x = 14 \end{aligned}$$

$$\begin{aligned} 4. \quad & 4a + 3c = -13 \\ & 6a + c = -2 \end{aligned}$$

$$\begin{aligned} 8. \quad & 5c + v = -4 \\ & 4c + 4v = 0 \end{aligned}$$

Sistemas Lineales (C) Respuestas

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 6v + 4x = 16 \\ & 3v + 3x = 9 \\ & v = 2, x = 1 \end{aligned}$$

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

$$\begin{aligned} 2. \quad & 3b + u = -7 \\ & 6b + 5u = -26 \\ & b = -1, u = -4 \end{aligned}$$

$$\begin{aligned} 6. \quad & a + 3v = 6 \\ & 6a + 6v = 12 \\ & a = 0, v = 2 \end{aligned}$$

$$\begin{aligned} 3. \quad & 4y + z = 0 \\ & 6y + 6z = 6 \\ & y = -\frac{1}{3}, z = \frac{4}{3} \end{aligned}$$

$$\begin{aligned} 7. \quad & 3u + 5x = 8 \\ & 5u + 5x = 14 \\ & u = 3, x = -\frac{1}{5} \end{aligned}$$

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

$$\begin{aligned} 8. \quad & 5c + v = -4 \\ & 4c + 4v = 0 \\ & c = -1, v = 1 \end{aligned}$$