

Sistemas Lineales (J)

Resuelva cada sistema de ecuaciones.

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

$$\begin{aligned} 5. \quad & v + 4x + y = 3 \\ & 6v + 5x = -7 \\ & 4v = -8 \end{aligned}$$

$$\begin{aligned} 2. \quad & 5x + 5y + 5z = -25 \\ & 4x + 2y = -20 \\ & 6x = -24 \end{aligned}$$

$$\begin{aligned} 6. \quad & 4b + 6c + 6u = 11 \\ & 3b + 6c = 9 \\ & b = -1 \end{aligned}$$

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

$$\begin{aligned} 7. \quad & 4v + 2y + 2z = -1 \\ & 4v + 4y = 8 \\ & 5v = -10 \end{aligned}$$

$$\begin{aligned} 4. \quad & a + u + 5v = -3 \\ & 4a + u = -9 \\ & 5a = -10 \end{aligned}$$

$$\begin{aligned} 8. \quad & 2a + 6u + y = -29 \\ & 6a + 2u = -8 \\ & 6a = 2 \end{aligned}$$

Sistemas Lineales (J) Respuestas

Resuelva cada sistema de ecuaciones.

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

$$\begin{aligned} 5. \quad & v + 4x + y = 3 \\ & 6v + 5x = -7 \\ & 4v = -8 \\ & v = -2, x = 1, y = 1 \end{aligned}$$

$$\begin{aligned} 2. \quad & 5x + 5y + 5z = -25 \\ & 4x + 2y = -20 \\ & 6x = -24 \\ & x = -4, y = -2, z = 1 \end{aligned}$$

$$\begin{aligned} 6. \quad & 4b + 6c + 6u = 11 \\ & 3b + 6c = 9 \\ & b = -1 \\ & b = -1, c = 2, u = \frac{1}{2} \end{aligned}$$

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

$$\begin{aligned} 7. \quad & 4v + 2y + 2z = -1 \\ & 4v + 4y = 8 \\ & 5v = -10 \\ & v = -2, y = 4, z = -\frac{1}{2} \end{aligned}$$

$$\begin{aligned} 4. \quad & a + u + 5v = -3 \\ & 4a + u = -9 \\ & 5a = -10 \\ & a = -2, u = -1, v = 0 \end{aligned}$$

$$\begin{aligned} 8. \quad & 2a + 6u + y = -29 \\ & 6a + 2u = -8 \\ & 6a = 2 \\ & a = \frac{1}{3}, u = -5, y = \frac{1}{3} \end{aligned}$$