

Sistemas Lineales (G)

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & a + 6x + 2y = -13 \\ & 3a + 5x = -6 \\ & a = 3 \end{aligned}$$

$$\begin{aligned} 5. \quad & 5u + 5v + 2z = 28 \\ & 3u + 2v = 13 \\ & 4u = 4 \end{aligned}$$

$$\begin{aligned} 2. \quad & 6c + 6u + y = 14 \\ & 6c + 4u = 10 \\ & 5c = 5 \end{aligned}$$

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

$$\begin{aligned} 3. \quad & 2b + 4x + 6z = 7 \\ & b + 2x = 2 \\ & 3b = 0 \end{aligned}$$

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

$$\begin{aligned} 4. \quad & 5c + 3u + z = -13 \\ & 4c + 4u = -12 \\ & 3c = -6 \end{aligned}$$

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

Sistemas Lineales (G) Respuestas

Resuelva cada sistema de ecuaciones.

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

$$\begin{aligned} 5. \quad & 5u + 5v + 2z = 28 \\ & 3u + 2v = 13 \\ & 4u = 4 \\ & u = 1, v = 5, z = -1 \end{aligned}$$

$$\begin{aligned} 2. \quad & 6c + 6u + y = 14 \\ & 6c + 4u = 10 \\ & 5c = 5 \\ & c = 1, u = 1, y = 2 \end{aligned}$$

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

$$\begin{aligned} 3. \quad & 2b + 4x + 6z = 7 \\ & b + 2x = 2 \\ & 3b = 0 \\ & b = 0, x = 1, z = \frac{1}{2} \end{aligned}$$

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

$$\begin{aligned} 4. \quad & 5c + 3u + z = -13 \\ & 4c + 4u = -12 \\ & 3c = -6 \\ & c = -2, u = -1, z = 0 \end{aligned}$$

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