

Sistemas Lineales (J)

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 5a + 4b = -1 \\ & 6a + 6b = 0 \end{aligned}$$

$$\begin{aligned} 5. \quad & 5b + 6c = -19 \\ & 6b + 3c = -6 \end{aligned}$$

$$\begin{aligned} 2. \quad & 6u + 5z = 23 \\ & 2u + z = 7 \end{aligned}$$

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

$$\begin{aligned} 3. \quad & 6c + 2u = 2 \\ & 6c + 3u = 7 \end{aligned}$$

$$\begin{aligned} 7. \quad & x + 3z = -3 \\ & 5x + 6z = -15 \end{aligned}$$

$$\begin{aligned} 4. \quad & 6u + 2x = 7 \\ & 2u + 2x = 9 \end{aligned}$$

$$\begin{aligned} 8. \quad & 3x + 4y = 4 \\ & 4x + 3y = 3 \end{aligned}$$

Sistemas Lineales (J) Respuestas

Resuelva cada sistema de ecuaciones.

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

$$\begin{aligned} 5. \quad & 5b + 6c = -19 \\ & 6b + 3c = -6 \\ & b = 1, c = -4 \end{aligned}$$

$$\begin{aligned} 2. \quad & 6u + 5z = 23 \\ & 2u + z = 7 \\ & u = 3, z = 1 \end{aligned}$$

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

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

$$\begin{aligned} 7. \quad & x + 3z = -3 \\ & 5x + 6z = -15 \\ & x = -3, z = 0 \end{aligned}$$

$$\begin{aligned} 4. \quad & 6u + 2x = 7 \\ & 2u + 2x = 9 \\ & u = -\frac{1}{2}, x = 5 \end{aligned}$$

$$\begin{aligned} 8. \quad & 3x + 4y = 4 \\ & 4x + 3y = 3 \\ & x = 0, y = 1 \end{aligned}$$