

Sistemas Lineales (J)

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 5a + 5v + 3x = 44 \\ & 6a + 4v = 34 \\ & 4a = 12 \end{aligned}$$

$$\begin{aligned} 5. \quad & 6v + x + 3y = 30 \\ & 5v + 6x = 33 \\ & 4v = 12 \end{aligned}$$

$$\begin{aligned} 2. \quad & 6a + 5v + y = 25 \\ & 3a + 5v = 16 \\ & a = 2 \end{aligned}$$

$$\begin{aligned} 6. \quad & v + x + 2y = 18 \\ & 4v + 3x = 28 \\ & 5v = 20 \end{aligned}$$

$$\begin{aligned} 3. \quad & 6u + x + 5z = 39 \\ & 4u + 2x = 12 \\ & 2u = 4 \end{aligned}$$

$$\begin{aligned} 7. \quad & 2a + 2u + 5y = 38 \\ & 2a + 2u = 8 \\ & a = 1 \end{aligned}$$

$$\begin{aligned} 4. \quad & 6a + u + 2x = 31 \\ & a + 5u = 18 \\ & 3a = 9 \end{aligned}$$

$$\begin{aligned} 8. \quad & 6c + x + 6y = 31 \\ & c + 4x = 7 \\ & 5c = 15 \end{aligned}$$

Sistemas Lineales (J) Respuestas

Resuelva cada sistema de ecuaciones.

$$\begin{aligned}1. \quad & 5a + 5v + 3x = 44 \\ & 6a + 4v = 34 \\ & 4a = 12 \\ & a = 3, v = 4, x = 3\end{aligned}$$

$$\begin{aligned}5. \quad & 6v + x + 3y = 30 \\ & 5v + 6x = 33 \\ & 4v = 12 \\ & v = 3, x = 3, y = 3\end{aligned}$$

$$\begin{aligned}2. \quad & 6a + 5v + y = 25 \\ & 3a + 5v = 16 \\ & a = 2 \\ & a = 2, v = 2, y = 3\end{aligned}$$

$$\begin{aligned}6. \quad & v + x + 2y = 18 \\ & 4v + 3x = 28 \\ & 5v = 20 \\ & v = 4, x = 4, y = 5\end{aligned}$$

$$\begin{aligned}3. \quad & 6u + x + 5z = 39 \\ & 4u + 2x = 12 \\ & 2u = 4 \\ & u = 2, x = 2, z = 5\end{aligned}$$

$$\begin{aligned}7. \quad & 2a + 2u + 5y = 38 \\ & 2a + 2u = 8 \\ & a = 1 \\ & a = 1, u = 3, y = 6\end{aligned}$$

$$\begin{aligned}4. \quad & 6a + u + 2x = 31 \\ & a + 5u = 18 \\ & 3a = 9 \\ & a = 3, u = 3, x = 5\end{aligned}$$

$$\begin{aligned}8. \quad & 6c + x + 6y = 31 \\ & c + 4x = 7 \\ & 5c = 15 \\ & c = 3, x = 1, y = 2\end{aligned}$$