

Sistemas Lineales (J)

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 3u + v + 3z = 37 \\ & u + 5v + z = 31 \\ & 4u + v + 5z = 53 \end{aligned}$$

$$\begin{aligned} 5. \quad & 6a + 4v + 4x = 60 \\ & a + 4v + 4x = 50 \\ & 4a + 2v + 6x = 56 \end{aligned}$$

$$\begin{aligned} 2. \quad & 4u + 3v + 5z = 55 \\ & 4u + 4v + 2z = 46 \\ & 4u + 2v + 2z = 34 \end{aligned}$$

$$\begin{aligned} 6. \quad & 5u + 2x + 5y = 41 \\ & u + 4x + y = 19 \\ & u + 6x + 3y = 31 \end{aligned}$$

$$\begin{aligned} 3. \quad & 3u + 5y + 6z = 75 \\ & u + 2y + 5z = 45 \\ & u + 3y + z = 27 \end{aligned}$$

$$\begin{aligned} 7. \quad & 3u + 4y + 3z = 39 \\ & 5u + 3y + 2z = 40 \\ & 5u + 5y + 6z = 56 \end{aligned}$$

$$\begin{aligned} 4. \quad & 5c + 5u + 2y = 65 \\ & 3c + 6u + 4y = 71 \\ & 6c + 6u + 2y = 76 \end{aligned}$$

$$\begin{aligned} 8. \quad & 3a + 4u + 3x = 51 \\ & 6a + 5u + 4x = 72 \\ & 5a + 2u + 5x = 57 \end{aligned}$$

Sistemas Lineales (J) Respuestas

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 3u + v + 3z = 37 \\ & u + 5v + z = 31 \\ & 4u + v + 5z = 53 \\ & u = 6, v = 4, z = 5 \end{aligned}$$

$$\begin{aligned} 5. \quad & 6a + 4v + 4x = 60 \\ & a + 4v + 4x = 50 \\ & 4a + 2v + 6x = 56 \\ & a = 2, v = 6, x = 6 \end{aligned}$$

$$\begin{aligned} 2. \quad & 4u + 3v + 5z = 55 \\ & 4u + 4v + 2z = 46 \\ & 4u + 2v + 2z = 34 \\ & u = 3, v = 6, z = 5 \end{aligned}$$

$$\begin{aligned} 6. \quad & 5u + 2x + 5y = 41 \\ & u + 4x + y = 19 \\ & u + 6x + 3y = 31 \\ & u = 4, x = 3, y = 3 \end{aligned}$$

$$\begin{aligned} 3. \quad & 3u + 5y + 6z = 75 \\ & u + 2y + 5z = 45 \\ & u + 3y + z = 27 \\ & u = 3, y = 6, z = 6 \end{aligned}$$

$$\begin{aligned} 7. \quad & 3u + 4y + 3z = 39 \\ & 5u + 3y + 2z = 40 \\ & 5u + 5y + 6z = 56 \\ & u = 4, y = 6, z = 1 \end{aligned}$$

$$\begin{aligned} 4. \quad & 5c + 5u + 2y = 65 \\ & 3c + 6u + 4y = 71 \\ & 6c + 6u + 2y = 76 \\ & c = 5, u = 6, y = 5 \end{aligned}$$

$$\begin{aligned} 8. \quad & 3a + 4u + 3x = 51 \\ & 6a + 5u + 4x = 72 \\ & 5a + 2u + 5x = 57 \\ & a = 3, u = 6, x = 6 \end{aligned}$$