

Sistemas Lineales (F)

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 4b + 4x + 3z = 24 \\ & 5b + 6x + 3z = 28 \\ & 6b + 5x + 6z = 41 \end{aligned}$$

$$\begin{aligned} 5. \quad & 6u + 2x + z = 23 \\ & u + 4x + 6z = 44 \\ & 3u + 3x + 4z = 35 \end{aligned}$$

$$\begin{aligned} 2. \quad & 2a + 4x + 2y = 30 \\ & 2a + 3x + 6y = 30 \\ & a + 2x + 3y = 17 \end{aligned}$$

$$\begin{aligned} 6. \quad & c + u + 3x = 25 \\ & 2c + 3u + 5x = 49 \\ & 4c + 5u + 6x = 69 \end{aligned}$$

$$\begin{aligned} 3. \quad & 5v + x + 2z = 17 \\ & 4v + 5x + 6z = 48 \\ & 2v + 2x + 5z = 30 \end{aligned}$$

$$\begin{aligned} 7. \quad & 3u + 2y + z = 15 \\ & 6u + 2y + 4z = 30 \\ & 3u + y + z = 13 \end{aligned}$$

$$\begin{aligned} 4. \quad & 5b + 4x + 2y = 43 \\ & 6b + 3x + 6y = 57 \\ & 3b + 4x + 3y = 36 \end{aligned}$$

$$\begin{aligned} 8. \quad & a + 5b + u = 34 \\ & 6a + 3b + 6u = 42 \\ & 6a + 4b + u = 38 \end{aligned}$$

Sistemas Lineales (F) Respuestas

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 4b + 4x + 3z = 24 \\ & 5b + 6x + 3z = 28 \\ & 6b + 5x + 6z = 41 \\ & b = 2, x = 1, z = 4 \end{aligned}$$

$$\begin{aligned} 5. \quad & 6u + 2x + z = 23 \\ & u + 4x + 6z = 44 \\ & 3u + 3x + 4z = 35 \\ & u = 2, x = 3, z = 5 \end{aligned}$$

$$\begin{aligned} 2. \quad & 2a + 4x + 2y = 30 \\ & 2a + 3x + 6y = 30 \\ & a + 2x + 3y = 17 \\ & a = 6, x = 4, y = 1 \end{aligned}$$

$$\begin{aligned} 6. \quad & c + u + 3x = 25 \\ & 2c + 3u + 5x = 49 \\ & 4c + 5u + 6x = 69 \\ & c = 2, u = 5, x = 6 \end{aligned}$$

$$\begin{aligned} 3. \quad & 5v + x + 2z = 17 \\ & 4v + 5x + 6z = 48 \\ & 2v + 2x + 5z = 30 \\ & v = 1, x = 4, z = 4 \end{aligned}$$

$$\begin{aligned} 7. \quad & 3u + 2y + z = 15 \\ & 6u + 2y + 4z = 30 \\ & 3u + y + z = 13 \\ & u = 3, y = 2, z = 2 \end{aligned}$$

$$\begin{aligned} 4. \quad & 5b + 4x + 2y = 43 \\ & 6b + 3x + 6y = 57 \\ & 3b + 4x + 3y = 36 \\ & b = 5, x = 3, y = 3 \end{aligned}$$

$$\begin{aligned} 8. \quad & a + 5b + u = 34 \\ & 6a + 3b + 6u = 42 \\ & 6a + 4b + u = 38 \\ & a = 2, b = 6, u = 2 \end{aligned}$$