

## Sistemas Lineales (I)

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 5c + 5u + 4z = 57 \\ & 5c + 6u = 49 \\ & 5c = 25 \end{aligned}$$

$$\begin{aligned} 5. \quad & 3b + 5c + v = 26 \\ & 2b + 5c = 19 \\ & b = 2 \end{aligned}$$

$$\begin{aligned} 2. \quad & 5b + 6u + 6y = 47 \\ & 2b + u = 6 \\ & 6b = 6 \end{aligned}$$

$$\begin{aligned} 6. \quad & b + 5c + 5x = 36 \\ & 2b + 5c = 7 \\ & b = 1 \end{aligned}$$

$$\begin{aligned} 3. \quad & 5a + 5u + 3y = 63 \\ & 4a + 3u = 33 \\ & 6a = 36 \end{aligned}$$

$$\begin{aligned} 7. \quad & c + 2u + 4y = 34 \\ & c + 4u = 22 \\ & 2c = 12 \end{aligned}$$

$$\begin{aligned} 4. \quad & 5b + 5u + 5x = 55 \\ & 2b + 5u = 17 \\ & 4b = 24 \end{aligned}$$

$$\begin{aligned} 8. \quad & 4a + 2v + 3z = 31 \\ & 4a + 6v = 42 \\ & 5a = 15 \end{aligned}$$

## Sistemas Lineales (I) Respuestas

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 5c + 5u + 4z = 57 \\ & 5c + 6u = 49 \\ & 5c = 25 \\ & c = 5, u = 4, z = 3 \end{aligned}$$

$$\begin{aligned} 5. \quad & 3b + 5c + v = 26 \\ & 2b + 5c = 19 \\ & b = 2 \\ & b = 2, c = 3, v = 5 \end{aligned}$$

$$\begin{aligned} 2. \quad & 5b + 6u + 6y = 47 \\ & 2b + u = 6 \\ & 6b = 6 \\ & b = 1, u = 4, y = 3 \end{aligned}$$

$$\begin{aligned} 6. \quad & b + 5c + 5x = 36 \\ & 2b + 5c = 7 \\ & b = 1 \\ & b = 1, c = 1, x = 6 \end{aligned}$$

$$\begin{aligned} 3. \quad & 5a + 5u + 3y = 63 \\ & 4a + 3u = 33 \\ & 6a = 36 \\ & a = 6, u = 3, y = 6 \end{aligned}$$

$$\begin{aligned} 7. \quad & c + 2u + 4y = 34 \\ & c + 4u = 22 \\ & 2c = 12 \\ & c = 6, u = 4, y = 5 \end{aligned}$$

$$\begin{aligned} 4. \quad & 5b + 5u + 5x = 55 \\ & 2b + 5u = 17 \\ & 4b = 24 \\ & b = 6, u = 1, x = 4 \end{aligned}$$

$$\begin{aligned} 8. \quad & 4a + 2v + 3z = 31 \\ & 4a + 6v = 42 \\ & 5a = 15 \\ & a = 3, v = 5, z = 3 \end{aligned}$$