

Sistemas Lineales (E)

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 5v + 4y + 3z = 20 \\ & 3v + 5y = 11 \\ & 4v = 8 \end{aligned}$$

$$\begin{aligned} 5. \quad & 2a + 4b + 2y = 20 \\ & 3a + 4b = 18 \\ & 2a = 4 \end{aligned}$$

$$\begin{aligned} 2. \quad & 6a + 3c + 5x = 59 \\ & 4a + c = 30 \\ & 5a = 30 \end{aligned}$$

$$\begin{aligned} 6. \quad & a + 5b + 5c = 51 \\ & 2a + 2b = 12 \\ & 6a = 6 \end{aligned}$$

$$\begin{aligned} 3. \quad & b + 5c + u = 27 \\ & b + 2c = 10 \\ & 4b = 8 \end{aligned}$$

$$\begin{aligned} 7. \quad & 4a + 6b + u = 40 \\ & a + 3b = 15 \\ & 5a = 15 \end{aligned}$$

$$\begin{aligned} 4. \quad & 3a + 2u + 6x = 27 \\ & 3a + 6u = 27 \\ & 2a = 6 \end{aligned}$$

$$\begin{aligned} 8. \quad & 2b + 3x + 2y = 18 \\ & 4b + x = 18 \\ & 4b = 16 \end{aligned}$$

Sistemas Lineales (E) Respuestas

Resuelva cada sistema de ecuaciones.

$$\begin{aligned}1. \quad & 5v + 4y + 3z = 20 \\ & 3v + 5y = 11 \\ & 4v = 8 \\ & v = 2, y = 1, z = 2\end{aligned}$$

$$\begin{aligned}5. \quad & 2a + 4b + 2y = 20 \\ & 3a + 4b = 18 \\ & 2a = 4 \\ & a = 2, b = 3, y = 2\end{aligned}$$

$$\begin{aligned}2. \quad & 6a + 3c + 5x = 59 \\ & 4a + c = 30 \\ & 5a = 30 \\ & a = 6, c = 6, x = 1\end{aligned}$$

$$\begin{aligned}6. \quad & a + 5b + 5c = 51 \\ & 2a + 2b = 12 \\ & 6a = 6 \\ & a = 1, b = 5, c = 5\end{aligned}$$

$$\begin{aligned}3. \quad & b + 5c + u = 27 \\ & b + 2c = 10 \\ & 4b = 8 \\ & b = 2, c = 4, u = 5\end{aligned}$$

$$\begin{aligned}7. \quad & 4a + 6b + u = 40 \\ & a + 3b = 15 \\ & 5a = 15 \\ & a = 3, b = 4, u = 4\end{aligned}$$

$$\begin{aligned}4. \quad & 3a + 2u + 6x = 27 \\ & 3a + 6u = 27 \\ & 2a = 6 \\ & a = 3, u = 3, x = 2\end{aligned}$$

$$\begin{aligned}8. \quad & 2b + 3x + 2y = 18 \\ & 4b + x = 18 \\ & 4b = 16 \\ & b = 4, x = 2, y = 2\end{aligned}$$