

Sistemas Lineales (A)

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 5u + x = -10 \\ & 3u + 3x = 0 \end{aligned}$$

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

$$\begin{aligned} 2. \quad & 5b + 5y = 10 \\ & 3b + 2y = 5 \end{aligned}$$

$$\begin{aligned} 6. \quad & 6c + 3u = -9 \\ & 4c + 3u = -10 \end{aligned}$$

$$\begin{aligned} 3. \quad & 2v + 5x = 0 \\ & 6v + 5x = -8 \end{aligned}$$

$$\begin{aligned} 7. \quad & 3c + 2x = 5 \\ & 2c + 4x = 6 \end{aligned}$$

$$\begin{aligned} 4. \quad & 4c + 6z = -12 \\ & 5c + 3z = -9 \end{aligned}$$

$$\begin{aligned} 8. \quad & 4b + 4c = -5 \\ & 4b + 5c = -6 \end{aligned}$$

Sistemas Lineales (A) Respuestas

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 5u + x = -10 \\ & 3u + 3x = 0 \\ & u = -\frac{5}{2}, x = \frac{5}{2} \end{aligned}$$

$$\begin{aligned} 5. \quad & 3c + 2x = 2 \\ & 2c + 4x = 4 \\ & c = 0, x = 1 \end{aligned}$$

$$\begin{aligned} 2. \quad & 5b + 5y = 10 \\ & 3b + 2y = 5 \\ & b = 1, y = 1 \end{aligned}$$

$$\begin{aligned} 6. \quad & 6c + 3u = -9 \\ & 4c + 3u = -10 \\ & c = \frac{1}{2}, u = -4 \end{aligned}$$

$$\begin{aligned} 3. \quad & 2v + 5x = 0 \\ & 6v + 5x = -8 \\ & v = -2, x = \frac{4}{5} \end{aligned}$$

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

$$\begin{aligned} 4. \quad & 4c + 6z = -12 \\ & 5c + 3z = -9 \\ & c = -1, z = -\frac{4}{3} \end{aligned}$$

$$\begin{aligned} 8. \quad & 4b + 4c = -5 \\ & 4b + 5c = -6 \\ & b = -\frac{1}{4}, c = -1 \end{aligned}$$