

Sistemas Lineales (G)

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 6c + 4u + 4z = 38 \\ & c + 6u + 6z = 49 \\ & 4c + 4u + z = 24 \end{aligned}$$

$$\begin{aligned} 5. \quad & 5b + 6c + 4v = 63 \\ & 3b + 4c + 5v = 52 \\ & b + 2c + v = 16 \end{aligned}$$

$$\begin{aligned} 2. \quad & 4a + 2b + 4x = 26 \\ & 5a + 2b + 5x = 32 \\ & 2a + b + 4x = 21 \end{aligned}$$

$$\begin{aligned} 6. \quad & 4a + 5b + 6u = 60 \\ & 6a + 5b + 6u = 70 \\ & 2a + 2b + 6u = 44 \end{aligned}$$

$$\begin{aligned} 3. \quad & 3c + 4v + 3z = 50 \\ & 4c + 6v + 4z = 70 \\ & 4c + v + 2z = 37 \end{aligned}$$

$$\begin{aligned} 7. \quad & 5b + 3c + z = 16 \\ & b + 3c + 5z = 20 \\ & 3b + c + 4z = 14 \end{aligned}$$

$$\begin{aligned} 4. \quad & 2a + 2b + 4v = 18 \\ & 2a + 6b + 5v = 36 \\ & a + 2b + v = 11 \end{aligned}$$

$$\begin{aligned} 8. \quad & 6a + 6x + y = 44 \\ & 6a + x + 6y = 34 \\ & 6a + 5x + 6y = 50 \end{aligned}$$

Sistemas Lineales (G) Respuestas

Resuelva cada sistema de ecuaciones.

1. $6c + 4u + 4z = 38$
 $c + 6u + 6z = 49$
 $4c + 4u + z = 24$
 $c = 1, u = 4, z = 4$

5. $5b + 6c + 4v = 63$
 $3b + 4c + 5v = 52$
 $b + 2c + v = 16$
 $b = 5, c = 3, v = 5$

2. $4a + 2b + 4x = 26$
 $5a + 2b + 5x = 32$
 $2a + b + 4x = 21$
 $a = 2, b = 1, x = 4$

6. $4a + 5b + 6u = 60$
 $6a + 5b + 6u = 70$
 $2a + 2b + 6u = 44$
 $a = 5, b = 2, u = 5$

3. $3c + 4v + 3z = 50$
 $4c + 6v + 4z = 70$
 $4c + v + 2z = 37$
 $c = 6, v = 5, z = 4$

7. $5b + 3c + z = 16$
 $b + 3c + 5z = 20$
 $3b + c + 4z = 14$
 $b = 1, c = 3, z = 2$

4. $2a + 2b + 4v = 18$
 $2a + 6b + 5v = 36$
 $a + 2b + v = 11$
 $a = 1, b = 4, v = 2$

8. $6a + 6x + y = 44$
 $6a + x + 6y = 34$
 $6a + 5x + 6y = 50$
 $a = 3, x = 4, y = 2$