

Sistemas Lineales (E)

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 3a + 2v + 5x = 53 \\ & 6a + 2v + 6x = 76 \\ & 4a + 2v + 2x = 44 \end{aligned}$$

$$\begin{aligned} 5. \quad & 4a + 6c + 3x = 62 \\ & 6a + c + 2x = 46 \\ & 5a + 5c + 6x = 81 \end{aligned}$$

$$\begin{aligned} 2. \quad & 5a + 4b + 3u = 57 \\ & 3a + 2b + 5u = 51 \\ & a + 2b + 3u = 33 \end{aligned}$$

$$\begin{aligned} 6. \quad & 5c + 4v + y = 51 \\ & 6c + 5v + 3y = 73 \\ & 4c + 4v + 5y = 70 \end{aligned}$$

$$\begin{aligned} 3. \quad & 2a + 3b + 3u = 28 \\ & 4a + 6b + 3u = 41 \\ & 6a + 5b + 4u = 55 \end{aligned}$$

$$\begin{aligned} 7. \quad & 3a + 5c + 4u = 25 \\ & 5a + 5c + 4u = 29 \\ & 5a + c + 3u = 16 \end{aligned}$$

$$\begin{aligned} 4. \quad & 2b + 2x + 6z = 42 \\ & 3b + 4x + 4z = 43 \\ & 3b + 6x + 6z = 63 \end{aligned}$$

$$\begin{aligned} 8. \quad & 4c + 2y + 3z = 29 \\ & 3c + 6y + z = 38 \\ & 4c + 4y + 6z = 54 \end{aligned}$$

Sistemas Lineales (E) Respuestas

Resuelva cada sistema de ecuaciones.

1. $3a + 2v + 5x = 53$
 $6a + 2v + 6x = 76$
 $4a + 2v + 2x = 44$
 $a = 6, v = 5, x = 5$

5. $4a + 6c + 3x = 62$
 $6a + c + 2x = 46$
 $5a + 5c + 6x = 81$
 $a = 5, c = 4, x = 6$

2. $5a + 4b + 3u = 57$
 $3a + 2b + 5u = 51$
 $a + 2b + 3u = 33$
 $a = 3, b = 6, u = 6$

6. $5c + 4v + y = 51$
 $6c + 5v + 3y = 73$
 $4c + 4v + 5y = 70$
 $c = 5, v = 5, y = 6$

3. $2a + 3b + 3u = 28$
 $4a + 6b + 3u = 41$
 $6a + 5b + 4u = 55$
 $a = 5, b = 1, u = 5$

7. $3a + 5c + 4u = 25$
 $5a + 5c + 4u = 29$
 $5a + c + 3u = 16$
 $a = 2, c = 3, u = 1$

4. $2b + 2x + 6z = 42$
 $3b + 4x + 4z = 43$
 $3b + 6x + 6z = 63$
 $b = 1, x = 5, z = 5$

8. $4c + 2y + 3z = 29$
 $3c + 6y + z = 38$
 $4c + 4y + 6z = 54$
 $c = 1, y = 5, z = 5$