

Sistemas Lineales (A)

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & a + 2c + 5x = 18 \\ & 6a + 2c = 28 \\ & 6a = 18 \end{aligned}$$

$$\begin{aligned} 5. \quad & b + 3c + 2v = 16 \\ & 4b + 3c = 7 \\ & 2b = 2 \end{aligned}$$

$$\begin{aligned} 2. \quad & 2a + 2u + 6x = 48 \\ & 3a + 4u = 30 \\ & a = 6 \end{aligned}$$

$$\begin{aligned} 6. \quad & 4u + 6v + 5y = 60 \\ & 6u + 3v = 27 \\ & 2u = 6 \end{aligned}$$

$$\begin{aligned} 3. \quad & 2c + 4u + 4y = 30 \\ & 2c + u = 8 \\ & 4c = 12 \end{aligned}$$

$$\begin{aligned} 7. \quad & c + 3u + 6y = 41 \\ & 6c + 3u = 21 \\ & 6c = 12 \end{aligned}$$

$$\begin{aligned} 4. \quad & a + 4y + 6z = 28 \\ & 6a + 4y = 20 \\ & 3a = 6 \end{aligned}$$

$$\begin{aligned} 8. \quad & 3u + 2v + 2y = 21 \\ & 2u + 3v = 12 \\ & 5u = 15 \end{aligned}$$

Sistemas Lineales (A) Respuestas

Resuelva cada sistema de ecuaciones.

1. $a + 2c + 5x = 18$
 $6a + 2c = 28$
 $6a = 18$
 $a = 3, c = 5, x = 1$

5. $b + 3c + 2v = 16$
 $4b + 3c = 7$
 $2b = 2$
 $b = 1, c = 1, v = 6$

2. $2a + 2u + 6x = 48$
 $3a + 4u = 30$
 $a = 6$
 $a = 6, u = 3, x = 5$

6. $4u + 6v + 5y = 60$
 $6u + 3v = 27$
 $2u = 6$
 $u = 3, v = 3, y = 6$

3. $2c + 4u + 4y = 30$
 $2c + u = 8$
 $4c = 12$
 $c = 3, u = 2, y = 4$

7. $c + 3u + 6y = 41$
 $6c + 3u = 21$
 $6c = 12$
 $c = 2, u = 3, y = 5$

4. $a + 4y + 6z = 28$
 $6a + 4y = 20$
 $3a = 6$
 $a = 2, y = 2, z = 3$

8. $3u + 2v + 2y = 21$
 $2u + 3v = 12$
 $5u = 15$
 $u = 3, v = 2, y = 4$