

Sistemas Lineales (I)

Resuelva cada sistema de ecuaciones.

1. $c + 4z = 5$
 $2c + 4z = 10$

5. $3b + 5y = -20$
 $6b + 4y = -16$

2. $3v + 6y = -7$
 $3v + 5y = -5$

6. $a + 4c = -3$
 $3a + 5c = -2$

3. $x + 4z = -13$
 $4x + z = -22$

7. $4b + 5v = 6$
 $6b + 3v = 9$

4. $5u + 5x = 10$
 $u + 4x = 5$

8. $5b + 6u = -5$
 $4b + 6u = -4$

Sistemas Lineales (I) Respuestas

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & c + 4z = 5 \\ & 2c + 4z = 10 \\ & c = 5, z = 0 \end{aligned}$$

$$\begin{aligned} 5. \quad & 3b + 5y = -20 \\ & 6b + 4y = -16 \\ & b = 0, y = -4 \end{aligned}$$

$$\begin{aligned} 2. \quad & 3v + 6y = -7 \\ & 3v + 5y = -5 \\ & v = \frac{5}{3}, y = -2 \end{aligned}$$

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

$$\begin{aligned} 3. \quad & x + 4z = -13 \\ & 4x + z = -22 \\ & x = -5, z = -2 \end{aligned}$$

$$\begin{aligned} 7. \quad & 4b + 5v = 6 \\ & 6b + 3v = 9 \\ & b = \frac{3}{2}, v = 0 \end{aligned}$$

$$\begin{aligned} 4. \quad & 5u + 5x = 10 \\ & u + 4x = 5 \\ & u = 1, x = 1 \end{aligned}$$

$$\begin{aligned} 8. \quad & 5b + 6u = -5 \\ & 4b + 6u = -4 \\ & b = -1, u = 0 \end{aligned}$$