

Sistemas Lineales (E)

Resuelva cada sistema de ecuaciones.

1. $4x + 2y = -3$
 $3x + 6y = 9$

5. $2c + 2u = 5$
 $3c + 4u = 9$

2. $4c + 2v = 0$
 $4c + 5v = 3$

6. $6b + 2c = -30$
 $b + 3c = -5$

3. $u + y = -1$
 $3u + 6y = -5$

7. $3c + x = 6$
 $4c + 6x = 8$

4. $2v + 6x = -12$
 $3v + 3x = -6$

8. $2b + 6v = 24$
 $b + 2v = 8$

Sistemas Lineales (E) Respuestas

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 4x + 2y = -3 \\ & 3x + 6y = 9 \\ & x = -2, y = \frac{5}{2} \end{aligned}$$

$$\begin{aligned} 5. \quad & 2c + 2u = 5 \\ & 3c + 4u = 9 \\ & c = 1, u = \frac{3}{2} \end{aligned}$$

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

$$\begin{aligned} 6. \quad & 6b + 2c = -30 \\ & b + 3c = -5 \\ & b = -5, c = 0 \end{aligned}$$

$$\begin{aligned} 3. \quad & u + y = -1 \\ & 3u + 6y = -5 \\ & u = -\frac{1}{3}, y = -\frac{2}{3} \end{aligned}$$

$$\begin{aligned} 7. \quad & 3c + x = 6 \\ & 4c + 6x = 8 \\ & c = 2, x = 0 \end{aligned}$$

$$\begin{aligned} 4. \quad & 2v + 6x = -12 \\ & 3v + 3x = -6 \\ & v = 0, x = -2 \end{aligned}$$

$$\begin{aligned} 8. \quad & 2b + 6v = 24 \\ & b + 2v = 8 \\ & b = 0, v = 4 \end{aligned}$$