

## Sistemas Lineales (H)

Resuelva cada sistema de ecuaciones.

1.  $5a + 5b = -10$   
 $a + 5b = -8$

5.  $3c + 6y = 6$   
 $3c + 4y = 8$

2.  $5v + 6x = 15$   
 $6v + 5x = 18$

6.  $4c + 4u = 12$   
 $4c + 3u = 12$

3.  $3c + 6z = -6$   
 $6c + 6z = -6$

7.  $4b + 6c = 19$   
 $4b + 2c = 9$

4.  $6a + 3c = -10$   
 $3a + 3c = -7$

8.  $a + c = 9$   
 $3a + c = 19$

## Sistemas Lineales (H) Respuestas

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 5a + 5b = -10 \\ & a + 5b = -8 \\ & a = -\frac{1}{2}, b = -\frac{3}{2} \end{aligned}$$

$$\begin{aligned} 5. \quad & 3c + 6y = 6 \\ & 3c + 4y = 8 \\ & c = 4, y = -1 \end{aligned}$$

$$\begin{aligned} 2. \quad & 5v + 6x = 15 \\ & 6v + 5x = 18 \\ & v = 3, x = 0 \end{aligned}$$

$$\begin{aligned} 6. \quad & 4c + 4u = 12 \\ & 4c + 3u = 12 \\ & c = 3, u = 0 \end{aligned}$$

$$\begin{aligned} 3. \quad & 3c + 6z = -6 \\ & 6c + 6z = -6 \\ & c = 0, z = -1 \end{aligned}$$

$$\begin{aligned} 7. \quad & 4b + 6c = 19 \\ & 4b + 2c = 9 \\ & b = 1, c = \frac{5}{2} \end{aligned}$$

$$\begin{aligned} 4. \quad & 6a + 3c = -10 \\ & 3a + 3c = -7 \\ & a = -1, c = -\frac{4}{3} \end{aligned}$$

$$\begin{aligned} 8. \quad & a + c = 9 \\ & 3a + c = 19 \\ & a = 5, c = 4 \end{aligned}$$