

## Systemes Linéaires (C)

Trouvez les solutions des systemes d'équations suivants.

1. 
$$\begin{aligned} -4u + 4y &= -20 \\ -3u - 2y &= 5 \end{aligned}$$

5. 
$$\begin{aligned} -c - 2x &= -5 \\ -4c + 6x &= 22 \end{aligned}$$

2. 
$$\begin{aligned} -4a + 3z &= 10 \\ -a - 5z &= -9 \end{aligned}$$

6. 
$$\begin{aligned} -5u - 5y &= -10 \\ -5u + 3y &= 14 \end{aligned}$$

3. 
$$\begin{aligned} 2x + 2z &= 6 \\ -5x + 6z &= -37 \end{aligned}$$

7. 
$$\begin{aligned} -a - 3y &= 11 \\ -3a - 3y &= 15 \end{aligned}$$

4. 
$$\begin{aligned} -b + 6x &= -33 \\ -5b - 5x &= 10 \end{aligned}$$

8. 
$$\begin{aligned} -2a - 5z &= -16 \\ -4a - 3z &= -18 \end{aligned}$$

## Systemes Linéaires (C) Solutions

Trouvez les solutions des systemes d'équations suivants.

$$\begin{aligned} 1. \quad & -4u + 4y = -20 \\ & -3u - 2y = 5 \\ & u = 1, y = -4 \end{aligned}$$

$$\begin{aligned} 5. \quad & -c - 2x = -5 \\ & -4c + 6x = 22 \\ & c = -1, x = 3 \end{aligned}$$

$$\begin{aligned} 2. \quad & -4a + 3z = 10 \\ & -a - 5z = -9 \\ & a = -1, z = 2 \end{aligned}$$

$$\begin{aligned} 6. \quad & -5u - 5y = -10 \\ & -5u + 3y = 14 \\ & u = -1, y = 3 \end{aligned}$$

$$\begin{aligned} 3. \quad & 2x + 2z = 6 \\ & -5x + 6z = -37 \\ & x = 5, z = -2 \end{aligned}$$

$$\begin{aligned} 7. \quad & -a - 3y = 11 \\ & -3a - 3y = 15 \\ & a = -2, y = -3 \end{aligned}$$

$$\begin{aligned} 4. \quad & -b + 6x = -33 \\ & -5b - 5x = 10 \\ & b = 3, x = -5 \end{aligned}$$

$$\begin{aligned} 8. \quad & -2a - 5z = -16 \\ & -4a - 3z = -18 \\ & a = 3, z = 2 \end{aligned}$$