

Systemes Linéaires (H)

Trouvez les solutions des systemes d'équations suivants.

$$\begin{aligned} 1. \quad & 5b + 6v + 5z = 14 \\ & -3b - 5v = -29 \\ & -b = -3 \end{aligned}$$

$$\begin{aligned} 5. \quad & c - 3v - x = 12 \\ & -5c + 4v = -46 \\ & -2c = -12 \end{aligned}$$

$$\begin{aligned} 2. \quad & -2a + 5b - 5z = -4 \\ & 5a + 4b = -23 \\ & -5a = 15 \end{aligned}$$

$$\begin{aligned} 6. \quad & -5a - 2c - 3y = 4 \\ & 4a + c = 7 \\ & -4a = -8 \end{aligned}$$

$$\begin{aligned} 3. \quad & 6a + v - 2z = 27 \\ & 4a - 2v = 22 \\ & -4a = -24 \end{aligned}$$

$$\begin{aligned} 7. \quad & 4a + 3c - 5u = -22 \\ & -5a - 2c = 16 \\ & 2a = -4 \end{aligned}$$

$$\begin{aligned} 4. \quad & 2c + 4u - 2x = -14 \\ & -3c + 2u = -11 \\ & -c = -1 \end{aligned}$$

$$\begin{aligned} 8. \quad & -a - 5b + z = 13 \\ & -4a - 4b = 12 \\ & -5a = 0 \end{aligned}$$

Systemes Linéaires (H) Solutions

Trouvez les solutions des systemes d'équations suivants.

$$\begin{aligned} 1. \quad & 5b + 6v + 5z = 14 \\ & -3b - 5v = -29 \\ & -b = -3 \\ & \mathbf{b = 3, v = 4, z = -5} \end{aligned}$$

$$\begin{aligned} 5. \quad & c - 3v - x = 12 \\ & -5c + 4v = -46 \\ & -2c = -12 \\ & \mathbf{c = 6, v = -4, x = 6} \end{aligned}$$

$$\begin{aligned} 2. \quad & -2a + 5b - 5z = -4 \\ & 5a + 4b = -23 \\ & -5a = 15 \\ & \mathbf{a = -3, b = -2, z = 0} \end{aligned}$$

$$\begin{aligned} 6. \quad & -5a - 2c - 3y = 4 \\ & 4a + c = 7 \\ & -4a = -8 \\ & \mathbf{a = 2, c = -1, y = -4} \end{aligned}$$

$$\begin{aligned} 3. \quad & 6a + v - 2z = 27 \\ & 4a - 2v = 22 \\ & -4a = -24 \\ & \mathbf{a = 6, v = 1, z = 5} \end{aligned}$$

$$\begin{aligned} 7. \quad & 4a + 3c - 5u = -22 \\ & -5a - 2c = 16 \\ & 2a = -4 \\ & \mathbf{a = -2, c = -3, u = 1} \end{aligned}$$

$$\begin{aligned} 4. \quad & 2c + 4u - 2x = -14 \\ & -3c + 2u = -11 \\ & -c = -1 \\ & \mathbf{c = 1, u = -4, x = 0} \end{aligned}$$

$$\begin{aligned} 8. \quad & -a - 5b + z = 13 \\ & -4a - 4b = 12 \\ & -5a = 0 \\ & \mathbf{a = 0, b = -3, z = -2} \end{aligned}$$