

## Systèmes Linéaires (C)

Trouvez les solutions des systèmes d'équations suivants.

$$\begin{aligned}1. \quad & -2b + v + 5z = 19 \\& -2b - 3v = -12 \\& 4b = 0\end{aligned}$$

$$\begin{aligned}5. \quad & 2a - 2c - 4y = -4 \\& 2a + 4c = 12 \\& -3a = -6\end{aligned}$$

$$\begin{aligned}2. \quad & 4u + v - 2z = -14 \\& 4u + 3v = -18 \\& -2u = 6\end{aligned}$$

$$\begin{aligned}6. \quad & 5a + u + 2y = 6 \\& -a + 5u = 8 \\& 6a = 12\end{aligned}$$

$$\begin{aligned}3. \quad & -2b - 2x + 6z = 18 \\& 5b - 3x = 10 \\& -5b = 5\end{aligned}$$

$$\begin{aligned}7. \quad & -2c + 6u - 2z = 0 \\& -5c - 4u = 9 \\& 5c = -5\end{aligned}$$

$$\begin{aligned}4. \quad & -2b + 3v + y = 7 \\& -4b + 3v = 2 \\& -b = -1\end{aligned}$$

$$\begin{aligned}8. \quad & 3b + 5c - 5y = 60 \\& -b + 5c = 20 \\& -2b = -10\end{aligned}$$

## Systèmes Linéaires (C) Solutions

Trouvez les solutions des systèmes d'équations suivants.

$$\begin{aligned}1. \quad & -2b + v + 5z = 19 \\& -2b - 3v = -12 \\& 4b = 0 \\& \textcolor{red}{b = 0, v = 4, z = 3}\end{aligned}$$

$$\begin{aligned}5. \quad & 2a - 2c - 4y = -4 \\& 2a + 4c = 12 \\& -3a = -6 \\& \textcolor{red}{a = 2, c = 2, y = 1}\end{aligned}$$

$$\begin{aligned}2. \quad & 4u + v - 2z = -14 \\& 4u + 3v = -18 \\& -2u = 6 \\& \textcolor{red}{u = -3, v = -2, z = 0}\end{aligned}$$

$$\begin{aligned}6. \quad & 5a + u + 2y = 6 \\& -a + 5u = 8 \\& 6a = 12 \\& \textcolor{red}{a = 2, u = 2, y = -3}\end{aligned}$$

$$\begin{aligned}3. \quad & -2b - 2x + 6z = 18 \\& 5b - 3x = 10 \\& -5b = 5 \\& \textcolor{red}{b = -1, x = -5, z = 1}\end{aligned}$$

$$\begin{aligned}7. \quad & -2c + 6u - 2z = 0 \\& -5c - 4u = 9 \\& 5c = -5 \\& \textcolor{red}{c = -1, u = -1, z = -2}\end{aligned}$$

$$\begin{aligned}4. \quad & -2b + 3v + y = 7 \\& -4b + 3v = 2 \\& -b = -1 \\& \textcolor{red}{b = 1, v = 2, y = 3}\end{aligned}$$

$$\begin{aligned}8. \quad & 3b + 5c - 5y = 60 \\& -b + 5c = 20 \\& -2b = -10 \\& \textcolor{red}{b = 5, c = 5, y = -4}\end{aligned}$$