

# Systèmes Linéaires (G)

Trouvez les solutions des systèmes d'équations suivants.

$$\begin{aligned}1. \quad & 4b + 2c + 5z = -25 \\& b + 2c = 3 \\& 4b = -4\end{aligned}$$

$$\begin{aligned}5. \quad & -4b - 5v + 5z = -13 \\& -b - v = 0 \\& -5b = -10\end{aligned}$$

$$\begin{aligned}2. \quad & -2c + 5v + 4z = -33 \\& -4c - v = 21 \\& -2c = 8\end{aligned}$$

$$\begin{aligned}6. \quad & -3x - 5y + 5z = 16 \\& x - 3y = 9 \\& -3x = -9\end{aligned}$$

$$\begin{aligned}3. \quad & -c - y + 2z = -14 \\& 3c - 2y = -18 \\& -5c = 10\end{aligned}$$

$$\begin{aligned}7. \quad & -3b + 6c - 3z = 45 \\& 5b + 2c = 0 \\& 6b = -12\end{aligned}$$

$$\begin{aligned}4. \quad & 3b + 5c - y = -22 \\& -2b + 6c = -10 \\& 2b = -8\end{aligned}$$

$$\begin{aligned}8. \quad & -b + c - 5y = 25 \\& -3b + 4c = 0 \\& 3b = 0\end{aligned}$$

## Systèmes Linéaires (G) Solutions

Trouvez les solutions des systèmes d'équations suivants.

$$\begin{aligned}1. \quad & 4b + 2c + 5z = -25 \\& b + 2c = 3 \\& 4b = -4 \\& \textcolor{red}{b = -1, c = 2, z = -5}\end{aligned}$$

$$\begin{aligned}5. \quad & -4b - 5v + 5z = -13 \\& -b - v = 0 \\& -5b = -10 \\& \textcolor{red}{b = 2, v = -2, z = -3}\end{aligned}$$

$$\begin{aligned}2. \quad & -2c + 5v + 4z = -33 \\& -4c - v = 21 \\& -2c = 8 \\& \textcolor{red}{c = -4, v = -5, z = -4}\end{aligned}$$

$$\begin{aligned}6. \quad & -3x - 5y + 5z = 16 \\& x - 3y = 9 \\& -3x = -9 \\& \textcolor{red}{x = 3, y = -2, z = 3}\end{aligned}$$

$$\begin{aligned}3. \quad & -c - y + 2z = -14 \\& 3c - 2y = -18 \\& -5c = 10 \\& \textcolor{red}{c = -2, y = 6, z = -5}\end{aligned}$$

$$\begin{aligned}7. \quad & -3b + 6c - 3z = 45 \\& 5b + 2c = 0 \\& 6b = -12 \\& \textcolor{red}{b = -2, c = 5, z = -3}\end{aligned}$$

$$\begin{aligned}4. \quad & 3b + 5c - y = -22 \\& -2b + 6c = -10 \\& 2b = -8 \\& \textcolor{red}{b = -4, c = -3, y = -5}\end{aligned}$$

$$\begin{aligned}8. \quad & -b + c - 5y = 25 \\& -3b + 4c = 0 \\& 3b = 0 \\& \textcolor{red}{b = 0, c = 0, y = -5}\end{aligned}$$