

## Systèmes Linéaires (J)

Trouvez les solutions des systèmes d'équations suivants.

$$\begin{aligned}1. \quad & 6c + v + x = 47 \\& 4c + 3v + 3x = 57 \\& 4c + 3v + 5x = 67\end{aligned}$$

$$\begin{aligned}5. \quad & u + 2v + 3x = 26 \\& u + 6v + 3x = 50 \\& 4u + 3v + 6x = 50\end{aligned}$$

$$\begin{aligned}2. \quad & 5b + 4u + 2x = 36 \\& 3b + 4u + 5x = 46 \\& 2b + 3u + 2x = 23\end{aligned}$$

$$\begin{aligned}6. \quad & 5b + 3v + 4y = 56 \\& 4b + 4v + y = 38 \\& 4b + 4v + 4y = 56\end{aligned}$$

$$\begin{aligned}3. \quad & 4a + 5c + 5v = 52 \\& 4a + 5c + 6v = 58 \\& 3a + 6c + 5v = 51\end{aligned}$$

$$\begin{aligned}7. \quad & 3u + 4x + 5z = 24 \\& 4u + 5x + 4z = 29 \\& u + 5x + 3z = 13\end{aligned}$$

$$\begin{aligned}4. \quad & 3b + 2u + 5z = 40 \\& 5b + 2u + 2z = 40 \\& 4b + 2u + 3z = 38\end{aligned}$$

$$\begin{aligned}8. \quad & 2a + 4y + z = 9 \\& 2a + y + 6z = 21 \\& a + 2y + 3z = 12\end{aligned}$$

## Systèmes Linéaires (J) Solutions

Trouvez les solutions des systèmes d'équations suivants.

$$\begin{aligned}1. \quad & 6c + v + x = 47 \\& 4c + 3v + 3x = 57 \\& 4c + 3v + 5x = 67 \\& \textcolor{red}{c = 6, v = 6, x = 5}\end{aligned}$$

$$\begin{aligned}5. \quad & u + 2v + 3x = 26 \\& u + 6v + 3x = 50 \\& 4u + 3v + 6x = 50 \\& \textcolor{red}{u = 2, v = 6, x = 4}\end{aligned}$$

$$\begin{aligned}2. \quad & 5b + 4u + 2x = 36 \\& 3b + 4u + 5x = 46 \\& 2b + 3u + 2x = 23 \\& \textcolor{red}{b = 4, u = 1, x = 6}\end{aligned}$$

$$\begin{aligned}6. \quad & 5b + 3v + 4y = 56 \\& 4b + 4v + y = 38 \\& 4b + 4v + 4y = 56 \\& \textcolor{red}{b = 4, v = 4, y = 6}\end{aligned}$$

$$\begin{aligned}3. \quad & 4a + 5c + 5v = 52 \\& 4a + 5c + 6v = 58 \\& 3a + 6c + 5v = 51 \\& \textcolor{red}{a = 3, c = 2, v = 6}\end{aligned}$$

$$\begin{aligned}7. \quad & 3u + 4x + 5z = 24 \\& 4u + 5x + 4z = 29 \\& u + 5x + 3z = 13 \\& \textcolor{red}{u = 5, x = 1, z = 1}\end{aligned}$$

$$\begin{aligned}4. \quad & 3b + 2u + 5z = 40 \\& 5b + 2u + 2z = 40 \\& 4b + 2u + 3z = 38 \\& \textcolor{red}{b = 6, u = 1, z = 4}\end{aligned}$$

$$\begin{aligned}8. \quad & 2a + 4y + z = 9 \\& 2a + y + 6z = 21 \\& a + 2y + 3z = 12 \\& \textcolor{red}{a = 1, y = 1, z = 3}\end{aligned}$$