

Systèmes Linéaires (H)

Trouvez les solutions des systèmes d'équations suivants.

$$\begin{aligned}1. \quad & 3b + 5c + 4y = 43 \\& 6b + 5c + 6y = 54 \\& 4b + 5c + 2y = 44\end{aligned}$$

$$\begin{aligned}5. \quad & b + u + 5v = 16 \\& 3b + u + v = 12 \\& 4b + 3u + v = 22\end{aligned}$$

$$\begin{aligned}2. \quad & b + 5c + 4v = 49 \\& 6b + 2c + 6v = 54 \\& 4b + 2c + 2v = 32\end{aligned}$$

$$\begin{aligned}6. \quad & 6b + 3u + 6v = 48 \\& 5b + 3u + v = 27 \\& 2b + 6u + 5v = 58\end{aligned}$$

$$\begin{aligned}3. \quad & b + 6c + 5y = 29 \\& b + 6c + 2y = 23 \\& 6b + 4c + 2y = 22\end{aligned}$$

$$\begin{aligned}7. \quad & 2a + 5c + 3x = 35 \\& 2a + 4c + 3x = 29 \\& 3a + 6c + 6x = 45\end{aligned}$$

$$\begin{aligned}4. \quad & a + 2u + 5v = 25 \\& 6a + 2u + 2v = 44 \\& 4a + 5u + 3v = 51\end{aligned}$$

$$\begin{aligned}8. \quad & 5c + 6u + 4v = 45 \\& 3c + 4u + 4v = 35 \\& 2c + 6u + v = 30\end{aligned}$$

Systèmes Linéaires (H) Solutions

Trouvez les solutions des systèmes d'équations suivants.

$$\begin{aligned}1. \quad & 3b + 5c + 4y = 43 \\& 6b + 5c + 6y = 54 \\& 4b + 5c + 2y = 44 \\& b = 3, c = 6, y = 1\end{aligned}$$

$$\begin{aligned}5. \quad & b + u + 5v = 16 \\& 3b + u + v = 12 \\& 4b + 3u + v = 22 \\& b = 2, u = 4, v = 2\end{aligned}$$

$$\begin{aligned}2. \quad & b + 5c + 4v = 49 \\& 6b + 2c + 6v = 54 \\& 4b + 2c + 2v = 32 \\& b = 3, c = 6, v = 4\end{aligned}$$

$$\begin{aligned}6. \quad & 6b + 3u + 6v = 48 \\& 5b + 3u + v = 27 \\& 2b + 6u + 5v = 58 \\& b = 1, u = 6, v = 4\end{aligned}$$

$$\begin{aligned}3. \quad & b + 6c + 5y = 29 \\& b + 6c + 2y = 23 \\& 6b + 4c + 2y = 22 \\& b = 1, c = 3, y = 2\end{aligned}$$

$$\begin{aligned}7. \quad & 2a + 5c + 3x = 35 \\& 2a + 4c + 3x = 29 \\& 3a + 6c + 6x = 45 \\& a = 1, c = 6, x = 1\end{aligned}$$

$$\begin{aligned}4. \quad & a + 2u + 5v = 25 \\& 6a + 2u + 2v = 44 \\& 4a + 5u + 3v = 51 \\& a = 5, u = 5, v = 2\end{aligned}$$

$$\begin{aligned}8. \quad & 5c + 6u + 4v = 45 \\& 3c + 4u + 4v = 35 \\& 2c + 6u + v = 30 \\& c = 1, u = 4, v = 4\end{aligned}$$