

Systemes Linéaires (F)

Trouvez les solutions des systemes d'équations suivants.

$$\begin{aligned} 1. \quad & 6u - v - 4y = -17 \\ & -u - 2v + y = 0 \\ & 4u - 2v + 5y = -28 \end{aligned}$$

$$\begin{aligned} 5. \quad & -2b - v + 3x = 13 \\ & -3b + 5v - x = -13 \\ & -4b + v = 11 \end{aligned}$$

$$\begin{aligned} 2. \quad & 4a + v - z = 0 \\ & 4a + 2v + 5z = -17 \\ & -v - 5z = 14 \end{aligned}$$

$$\begin{aligned} 6. \quad & c + x - 2z = -3 \\ & -5c + x - 2z = -9 \\ & -c - x + 6z = 23 \end{aligned}$$

$$\begin{aligned} 3. \quad & c - y + z = 0 \\ & -4c + 6y + z = 20 \\ & 3c - 5y + 3z = -10 \end{aligned}$$

$$\begin{aligned} 7. \quad & -2b + 6v + x = 29 \\ & -3b + 3v + 5x = 43 \\ & 2v - 3x = -9 \end{aligned}$$

$$\begin{aligned} 4. \quad & 3a - 3b + u = -6 \\ & a - 4b + 5u = -14 \\ & 4a + 4b + 6u = 24 \end{aligned}$$

$$\begin{aligned} 8. \quad & -5a - u + v = -9 \\ & 3a + u + 3v = 19 \\ & -u + v = 6 \end{aligned}$$