

## Systemes Linéaires (E)

Trouvez les solutions des systemes d'équations suivants.

$$\begin{aligned} 1. \quad & 3a + 4b + 6v = 14 \\ & -5a - 4b + 3v = 39 \\ & 5a - 3b + 4v = 3 \end{aligned}$$

$$\begin{aligned} 5. \quad & -3c + 5x - 4y = -20 \\ & 3c + x + 4y = -10 \\ & -2c - y = 0 \end{aligned}$$

$$\begin{aligned} 2. \quad & 5c - 5u + 5y = 25 \\ & -c + u = -2 \\ & -c - 2u = -8 \end{aligned}$$

$$\begin{aligned} 6. \quad & c + 6u + 2y = -28 \\ & -c + 5y = -24 \\ & -c - y = 0 \end{aligned}$$

$$\begin{aligned} 3. \quad & -4b + 6u + 3z = 5 \\ & 2b - 4u - 5z = -9 \\ & 4b + 6u + 4z = 38 \end{aligned}$$

$$\begin{aligned} 7. \quad & -4b + 3u + 4y = -9 \\ & 5b - 2u - 2y = 8 \\ & -5b + 2y = -18 \end{aligned}$$

$$\begin{aligned} 4. \quad & -3a + c + 6u = -11 \\ & -3a + 4u = -8 \\ & -2a + 6u = -12 \end{aligned}$$

$$\begin{aligned} 8. \quad & -4a - 3v + 4x = -20 \\ & 5a - 2v - 4x = 1 \\ & -5a - 4v = -21 \end{aligned}$$