

Systemes Linéaires (J)

Trouvez les solutions des systemes d'équations suivants.

$$\begin{aligned} 1. \quad & a + 4b - 4z = 7 \\ & -3a + b - z = 18 \\ & 3a - 2b - 3z = -26 \end{aligned}$$

$$\begin{aligned} 5. \quad & 2a + c - y = 6 \\ & -a + 5c - 2y = 9 \\ & -3a - 5y = -29 \end{aligned}$$

$$\begin{aligned} 2. \quad & -5a + 6b + 5u = 50 \\ & 3a - 5b = -37 \\ & -2b + 4u = -10 \end{aligned}$$

$$\begin{aligned} 6. \quad & 4c + 3x - z = 5 \\ & 4c - 2x + 2z = -10 \\ & -c + 6x = 19 \end{aligned}$$

$$\begin{aligned} 3. \quad & 5a - u + y = 5 \\ & -3a - 4u + 3y = 19 \\ & 5a + 2u - y = -9 \end{aligned}$$

$$\begin{aligned} 7. \quad & 5b - 2c - 5x = 8 \\ & 4b + 2c - 3x = 14 \\ & 6b - 2c + 3x = 46 \end{aligned}$$

$$\begin{aligned} 4. \quad & -2a - 4b - 5c = -56 \\ & a - 3b - 2c = -20 \\ & -5a + 3b = -12 \end{aligned}$$

$$\begin{aligned} 8. \quad & 6c + u + 3x = -21 \\ & 2c + 5u - 4x = -21 \\ & 5c - 5u + 5x = 0 \end{aligned}$$