

Systemes Linéaires (D)

Trouvez les solutions des systemes d'équations suivants.

$$\begin{aligned} 1. \quad & u + 6v - y = -19 \\ & -5u - 4v = 1 \\ & 4u = 12 \end{aligned}$$

$$\begin{aligned} 5. \quad & -4a + 6u + v = -17 \\ & 6a - 3u = 18 \\ & a = 2 \end{aligned}$$

$$\begin{aligned} 2. \quad & c - 4v - 2y = -20 \\ & -c + v = 6 \\ & -c = 4 \end{aligned}$$

$$\begin{aligned} 6. \quad & -4c - 4v + 5y = 25 \\ & -4c - 2v = 30 \\ & -2c = 10 \end{aligned}$$

$$\begin{aligned} 3. \quad & -5a - 3b + c = -39 \\ & -4a - 2b = -28 \\ & -3a = -15 \end{aligned}$$

$$\begin{aligned} 7. \quad & -2a + 3b - 5z = -4 \\ & 3a - 4b = -7 \\ & 5a = 15 \end{aligned}$$

$$\begin{aligned} 4. \quad & -5c - 5v - 4x = -40 \\ & -3c + v = -20 \\ & -2c = -12 \end{aligned}$$

$$\begin{aligned} 8. \quad & 4v + 4x - 4z = 12 \\ & 6v - 4x = -30 \\ & -v = 3 \end{aligned}$$

Systemes Linéaires (D) Solutions

Trouvez les solutions des systemes d'équations suivants.

$$\begin{aligned} 1. \quad & u + 6v - y = -19 \\ & -5u - 4v = 1 \\ & 4u = 12 \\ & u = 3, v = -4, y = -2 \end{aligned}$$

$$\begin{aligned} 5. \quad & -4a + 6u + v = -17 \\ & 6a - 3u = 18 \\ & a = 2 \\ & a = 2, u = -2, v = 3 \end{aligned}$$

$$\begin{aligned} 2. \quad & c - 4v - 2y = -20 \\ & -c + v = 6 \\ & -c = 4 \\ & c = -4, v = 2, y = 4 \end{aligned}$$

$$\begin{aligned} 6. \quad & -4c - 4v + 5y = 25 \\ & -4c - 2v = 30 \\ & -2c = 10 \\ & c = -5, v = -5, y = -3 \end{aligned}$$

$$\begin{aligned} 3. \quad & -5a - 3b + c = -39 \\ & -4a - 2b = -28 \\ & -3a = -15 \\ & a = 5, b = 4, c = -2 \end{aligned}$$

$$\begin{aligned} 7. \quad & -2a + 3b - 5z = -4 \\ & 3a - 4b = -7 \\ & 5a = 15 \\ & a = 3, b = 4, z = 2 \end{aligned}$$

$$\begin{aligned} 4. \quad & -5c - 5v - 4x = -40 \\ & -3c + v = -20 \\ & -2c = -12 \\ & c = 6, v = -2, x = 5 \end{aligned}$$

$$\begin{aligned} 8. \quad & 4v + 4x - 4z = 12 \\ & 6v - 4x = -30 \\ & -v = 3 \\ & v = -3, x = 3, z = -3 \end{aligned}$$