

Systemes Linéaires (B)

Trouvez les solutions des systemes d'équations suivants.

$$\begin{aligned} 1. \quad & -2c - 3u - z = -11 \\ & 5c + 2z = -9 \\ & 5c - 5u = -30 \end{aligned}$$

$$\begin{aligned} 5. \quad & 3b + y + z = 18 \\ & -5b - 3y - 4z = -34 \\ & -5y - 2z = -15 \end{aligned}$$

$$\begin{aligned} 2. \quad & -2u - 5v + 3z = 9 \\ & 2u - 2v - 4z = 28 \\ & u + 3v = -10 \end{aligned}$$

$$\begin{aligned} 6. \quad & -5b - c - 3y = 26 \\ & 6b - 2c - y = -22 \\ & 6b + c + 4y = -32 \end{aligned}$$

$$\begin{aligned} 3. \quad & 5b + 4c - 3y = 6 \\ & 3b - 5c = 35 \\ & 3b - c = 19 \end{aligned}$$

$$\begin{aligned} 7. \quad & 3b + 6c - x = -29 \\ & -4b - 3c - 4x = 35 \\ & b - 5x = 19 \end{aligned}$$

$$\begin{aligned} 4. \quad & 5c - 5x + 2y = 17 \\ & -5c - 5x - 2y = -67 \\ & -3c - 2x + y = -22 \end{aligned}$$

$$\begin{aligned} 8. \quad & -4u - 3v + 5x = 37 \\ & -3u + 2v - 2x = -18 \\ & -4u - 3v - 5x = -13 \end{aligned}$$

Systemes Linéaires (B) Solutions

Trouvez les solutions des systemes d'équations suivants.

$$\begin{aligned} 1. \quad & -2c - 3u - z = -11 \\ & 5c + 2z = -9 \\ & 5c - 5u = -30 \\ & c = -1, u = 5, z = -2 \end{aligned}$$

$$\begin{aligned} 5. \quad & 3b + y + z = 18 \\ & -5b - 3y - 4z = -34 \\ & -5y - 2z = -15 \\ & b = 5, y = 3, z = 0 \end{aligned}$$

$$\begin{aligned} 2. \quad & -2u - 5v + 3z = 9 \\ & 2u - 2v - 4z = 28 \\ & u + 3v = -10 \\ & u = 5, v = -5, z = -2 \end{aligned}$$

$$\begin{aligned} 6. \quad & -5b - c - 3y = 26 \\ & 6b - 2c - y = -22 \\ & 6b + c + 4y = -32 \\ & b = -4, c = 0, y = -2 \end{aligned}$$

$$\begin{aligned} 3. \quad & 5b + 4c - 3y = 6 \\ & 3b - 5c = 35 \\ & 3b - c = 19 \\ & b = 5, c = -4, y = 1 \end{aligned}$$

$$\begin{aligned} 7. \quad & 3b + 6c - x = -29 \\ & -4b - 3c - 4x = 35 \\ & b - 5x = 19 \\ & b = -1, c = -5, x = -4 \end{aligned}$$

$$\begin{aligned} 4. \quad & 5c - 5x + 2y = 17 \\ & -5c - 5x - 2y = -67 \\ & -3c - 2x + y = -22 \\ & c = 6, x = 5, y = 6 \end{aligned}$$

$$\begin{aligned} 8. \quad & -4u - 3v + 5x = 37 \\ & -3u + 2v - 2x = -18 \\ & -4u - 3v - 5x = -13 \\ & u = 0, v = -4, x = 5 \end{aligned}$$