

Systemes Linéaires (B)

Trouvez les solutions des systemes d'équations suivants.

$$\begin{aligned} 1. \quad & 2c + 5y + 5z = -18 \\ & 3c + 4y = 0 \\ & 2c = -8 \end{aligned}$$

$$\begin{aligned} 5. \quad & -5a - c - 5z = 15 \\ & -3a - 4c = -20 \\ & 2a = 0 \end{aligned}$$

$$\begin{aligned} 2. \quad & 2b - 2c + v = -10 \\ & 6b + 3c = -18 \\ & 3b = -12 \end{aligned}$$

$$\begin{aligned} 6. \quad & a + 3b + 6y = 6 \\ & -a + 3b = -6 \\ & 3a = 18 \end{aligned}$$

$$\begin{aligned} 3. \quad & -5c - 4u - 2v = 13 \\ & c + 3u = -6 \\ & 5c = -15 \end{aligned}$$

$$\begin{aligned} 7. \quad & 4b + v + 6y = -17 \\ & -2b + 2v = -10 \\ & b = 0 \end{aligned}$$

$$\begin{aligned} 4. \quad & 2b + 3x - 4y = 14 \\ & 2b - x = 10 \\ & -4b = -24 \end{aligned}$$

$$\begin{aligned} 8. \quad & -5u + 5v - z = 1 \\ & 4u + 2v = -24 \\ & -u = 4 \end{aligned}$$

Systemes Linéaires (B) Solutions

Trouvez les solutions des systemes d'équations suivants.

1. $2c + 5y + 5z = -18$
 $3c + 4y = 0$
 $2c = -8$
 $c = -4, y = 3, z = -5$

5. $-5a - c - 5z = 15$
 $-3a - 4c = -20$
 $2a = 0$
 $a = 0, c = 5, z = -4$

2. $2b - 2c + v = -10$
 $6b + 3c = -18$
 $3b = -12$
 $b = -4, c = 2, v = 2$

6. $a + 3b + 6y = 6$
 $-a + 3b = -6$
 $3a = 18$
 $a = 6, b = 0, y = 0$

3. $-5c - 4u - 2v = 13$
 $c + 3u = -6$
 $5c = -15$
 $c = -3, u = -1, v = 3$

7. $4b + v + 6y = -17$
 $-2b + 2v = -10$
 $b = 0$
 $b = 0, v = -5, y = -2$

4. $2b + 3x - 4y = 14$
 $2b - x = 10$
 $-4b = -24$
 $b = 6, x = 2, y = 1$

8. $-5u + 5v - z = 1$
 $4u + 2v = -24$
 $-u = 4$
 $u = -4, v = -4, z = -1$