

Systemes Linéaires (D)

Trouvez les solutions des systemes d'équations suivants.

$$\begin{aligned} 1. \quad & c + 5v + 5z = 22 \\ & 5c + v = 11 \\ & 6c = 12 \end{aligned}$$

$$\begin{aligned} 5. \quad & 5a + 6b + v = 59 \\ & 3a + 4b = 36 \\ & 4a = 16 \end{aligned}$$

$$\begin{aligned} 2. \quad & u + 5v + 3y = 17 \\ & 6u + 2v = 10 \\ & 5u = 5 \end{aligned}$$

$$\begin{aligned} 6. \quad & 3b + v + y = 12 \\ & 2b + 6v = 16 \\ & 2b = 4 \end{aligned}$$

$$\begin{aligned} 3. \quad & 3c + 3u + 4y = 22 \\ & 6c + 2u = 16 \\ & 2c = 2 \end{aligned}$$

$$\begin{aligned} 7. \quad & 2c + 4u + 5z = 46 \\ & 5c + 6u = 36 \\ & 6c = 36 \end{aligned}$$

$$\begin{aligned} 4. \quad & 4b + 6v + 3x = 31 \\ & 6b + 4v = 14 \\ & 6b = 6 \end{aligned}$$

$$\begin{aligned} 8. \quad & 6a + 4u + 6z = 68 \\ & 4a + 5u = 34 \\ & 6a = 36 \end{aligned}$$

Systemes Linéaires (D) Solutions

Trouvez les solutions des systemes d'équations suivants.

1. $c + 5v + 5z = 22$

$$5c + v = 11$$

$$6c = 12$$

$$c = 2, v = 1, z = 3$$

5. $5a + 6b + v = 59$

$$3a + 4b = 36$$

$$4a = 16$$

$$a = 4, b = 6, v = 3$$

2. $u + 5v + 3y = 17$

$$6u + 2v = 10$$

$$5u = 5$$

$$u = 1, v = 2, y = 2$$

6. $3b + v + y = 12$

$$2b + 6v = 16$$

$$2b = 4$$

$$b = 2, v = 2, y = 4$$

3. $3c + 3u + 4y = 22$

$$6c + 2u = 16$$

$$2c = 2$$

$$c = 1, u = 5, y = 1$$

7. $2c + 4u + 5z = 46$

$$5c + 6u = 36$$

$$6c = 36$$

$$c = 6, u = 1, z = 6$$

4. $4b + 6v + 3x = 31$

$$6b + 4v = 14$$

$$6b = 6$$

$$b = 1, v = 2, x = 5$$

8. $6a + 4u + 6z = 68$

$$4a + 5u = 34$$

$$6a = 36$$

$$a = 6, u = 2, z = 4$$