

Linear Systems (I)

Solve each system of equations.

$$\begin{aligned} 1. \quad & -6b + 3v - 6z = -6 \\ & 5b + 6v = -49 \\ & 6b = -30 \end{aligned}$$

$$\begin{aligned} 5. \quad & -2a + 2y - 2z = 12 \\ & a - 6y = -33 \\ & -3a = 9 \end{aligned}$$

$$\begin{aligned} 2. \quad & -4a + 4u + 4x = 28 \\ & -a - 4u = 0 \\ & 5a = -20 \end{aligned}$$

$$\begin{aligned} 6. \quad & 2c + 5v + 6y = -25 \\ & 3c + 4v = -11 \\ & c = 3 \end{aligned}$$

$$\begin{aligned} 3. \quad & 4b - 6c - y = 30 \\ & -3b - 2c = -1 \\ & -6b = -18 \end{aligned}$$

$$\begin{aligned} 7. \quad & 2c - v + 6y = 13 \\ & 4c + 5v = 5 \\ & c = 5 \end{aligned}$$

$$\begin{aligned} 4. \quad & 2b + 6c - y = 2 \\ & 2b - 4c = 18 \\ & 5b = 25 \end{aligned}$$

$$\begin{aligned} 8. \quad & 4u + 6x - 3z = -18 \\ & -4u - 2x = 10 \\ & 3u = 0 \end{aligned}$$