

## Linear Systems (C)

Solve each system of equations.

$$\begin{aligned} 1. \quad & 6u + 3y + 2z = 31 \\ & 4u + 3y = 15 \\ & 3u = 9 \end{aligned}$$

$$\begin{aligned} 5. \quad & 2a + 6c + 6z = 68 \\ & 5a + 5c = 40 \\ & 6a = 24 \end{aligned}$$

$$\begin{aligned} 2. \quad & a + x + 4z = 12 \\ & 2a + 6x = 28 \\ & 2a = 10 \end{aligned}$$

$$\begin{aligned} 6. \quad & a + 2b + 2x = 8 \\ & 3a + 5b = 17 \\ & 4a = 16 \end{aligned}$$

$$\begin{aligned} 3. \quad & 5c + 2y + 6z = 49 \\ & 2c + 6y = 18 \\ & 5c = 15 \end{aligned}$$

$$\begin{aligned} 7. \quad & 2c + 3v + 3x = 32 \\ & 2c + 4v = 24 \\ & 3c = 12 \end{aligned}$$

$$\begin{aligned} 4. \quad & 2b + 5c + 2z = 28 \\ & 3b + 2c = 17 \\ & b = 3 \end{aligned}$$

$$\begin{aligned} 8. \quad & 4b + 4y + 3z = 23 \\ & 5b + 6y = 11 \\ & 2b = 2 \end{aligned}$$