

## Linear Systems (J)

Solve each system of equations.

$$\begin{aligned} 1. \quad & 4c + 2y + 4z = 28 \\ & 6c + 2y = 16 \\ & 3c = 6 \end{aligned}$$

$$\begin{aligned} 5. \quad & 2b + v + 3y = 16 \\ & 5b + v = 10 \\ & 3b = 3 \end{aligned}$$

$$\begin{aligned} 2. \quad & 6b + 6c + 2u = 22 \\ & 4b + c = 9 \\ & 4b = 8 \end{aligned}$$

$$\begin{aligned} 6. \quad & 6a + 6b + 2c = 50 \\ & 5a + 6b = 36 \\ & a = 6 \end{aligned}$$

$$\begin{aligned} 3. \quad & 4v + 5x + 4z = 26 \\ & 2v + 4x = 12 \\ & v = 2 \end{aligned}$$

$$\begin{aligned} 7. \quad & 2a + 5u + 3y = 14 \\ & a + 2u = 5 \\ & 2a = 6 \end{aligned}$$

$$\begin{aligned} 4. \quad & 4c + 5y + 6z = 36 \\ & 2c + 2y = 10 \\ & 6c = 6 \end{aligned}$$

$$\begin{aligned} 8. \quad & 3b + 5u + 3v = 46 \\ & 5b + 2u = 15 \\ & 2b = 2 \end{aligned}$$