

Linear Systems (B)

Solve each system of equations.

$$\begin{array}{l} 1. \ 3a + 5u + 3x = 42 \\ \quad 5a + 6u = 48 \\ \quad 4a = 24 \end{array}$$

$$\begin{array}{l} 5. \ v + 3x + 6y = 51 \\ \quad 5v + 6x = 51 \\ \quad 2v = 6 \end{array}$$

$$\begin{array}{l} 2. \ 5a + 4c + z = 49 \\ \quad 4a + 6c = 48 \\ \quad 4a = 24 \end{array}$$

$$\begin{array}{l} 6. \ 2b + 6c + x = 46 \\ \quad 5b + 3c = 28 \\ \quad b = 2 \end{array}$$

$$\begin{array}{l} 3. \ 3c + 4v + 2y = 34 \\ \quad 5c + 4v = 42 \\ \quad 5c = 30 \end{array}$$

$$\begin{array}{l} 7. \ 5a + 5b + 3z = 73 \\ \quad a + 2b = 17 \\ \quad 2a = 10 \end{array}$$

$$\begin{array}{l} 4. \ 2b + 2v + 2z = 22 \\ \quad 6b + 5v = 37 \\ \quad 2b = 4 \end{array}$$

$$\begin{array}{l} 8. \ 3a + 6u + 3y = 51 \\ \quad 6a + 5u = 56 \\ \quad 6a = 36 \end{array}$$