

Linear Systems

Solve each system of equations.

1)
$$\begin{aligned} 3u + z &= 15 \\ u + 2z &= 10 \end{aligned}$$

5)
$$\begin{aligned} 2a + 2x &= 18 \\ a + 3x &= 17 \end{aligned}$$

2)
$$\begin{aligned} u + 6y &= 32 \\ u + 3y &= 17 \end{aligned}$$

6)
$$\begin{aligned} 5a + 2v &= 32 \\ 6a + 6v &= 42 \end{aligned}$$

3)
$$\begin{aligned} 3c + 4u &= 33 \\ 6c + 3u &= 36 \end{aligned}$$

7)
$$\begin{aligned} 2b + v &= 13 \\ b + v &= 8 \end{aligned}$$

4)
$$\begin{aligned} 6u + v &= 18 \\ 5u + 2v &= 22 \end{aligned}$$

8)
$$\begin{aligned} 3a + 5u &= 17 \\ 2a + u &= 9 \end{aligned}$$