

Worksheet 1B

Solve each system by elimination.

$$\begin{aligned} 1) \quad & 6a + 5b - 6c = 12 \\ & -2a + 4b - 6c = 14 \\ & 2a - 5b + 6c = -20 \end{aligned}$$

$$\begin{aligned} 2) \quad & -x - 4y + z = 6 \\ & 2x + 3y - z = -2 \\ & -5x + y = -8 \end{aligned}$$

$$\begin{aligned} 3) \quad & -5x - 2y + 3z = -19 \\ & 3x - y - 4z = -4 \\ & -5x + y + 3z = -7 \end{aligned}$$

$$\begin{aligned} 4) \quad & 3x - 4y - 3z = -7 \\ & -4x + 3y - z = -15 \\ & -3x + 2y - 5z = -25 \end{aligned}$$