

1.29
1

$$\begin{aligned} (1) \quad 4x + 3y + 5z &= 6 \\ (2) \quad -x + 2y + 2z &= 5 \\ (3) \quad x + y - z &= -3 \end{aligned}$$

$$\begin{aligned} (2) + (3) &\rightarrow 3y + z = 2 \quad / \cdot 13 \\ 4(2) + (1) &\rightarrow 5y + 13z = 26 \end{aligned}$$

$$\begin{array}{r} 39y + 13z = 26 \\ - 5y + 13z = 26 \\ \hline 34y = 0 \end{array}$$

$$34y = 0 \rightarrow \begin{cases} y = 0 \\ z = 2 \\ x = -1 \end{cases}$$