

Three-Variables Linear Equations ($ax+by+cz=d$)

Name: _____

Date: _____ Score: _____

$$\begin{aligned}1. \quad & 3x - 3y + 3z = 24 \\& 2x + 4y + 3z = 46 \\& 5x - 3y - 6z = -18\end{aligned}$$

$$\begin{aligned}2. \quad & 6x - 4y - 6z = 4 \\& 4x - 4y - 6z = -6 \\& 2x - 4y + 6z = -4\end{aligned}$$

$$\begin{aligned}3. \quad & 3x + 4y + 6z = 77 \\& 5x + 2y + 3z = 42 \\& 4x + 3y - 4z = 0\end{aligned}$$

$$\begin{aligned}4. \quad & 6x - 2y - 4z = -2 \\& 4x - 1y + 4z = 33 \\& 3x - 6y + 5z = 19\end{aligned}$$

$$\begin{aligned}5. \quad & 4x - 6y + 6z = 12 \\& 6x + 3y - 4z = 41 \\& 5x + 4y + 4z = 46\end{aligned}$$

$$\begin{aligned}6. \quad & 4x - 1y + 6z = 26 \\& 4x - 4y + 2z = -2 \\& 3x + 5y + 3z = 64\end{aligned}$$