

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

Name: _____

Date: _____ Score: _____

$$\begin{aligned}1. \quad & 6x - 6y + 2z = 14 \\& 6x + 1y + 2z = 35 \\& 5x - 1y - 6z = -30\end{aligned}$$

$$\begin{aligned}2. \quad & 1x + 1y + 1z = 15 \\& 1x + 3y + 1z = 25 \\& 4x + 6y + 1z = 55\end{aligned}$$

$$\begin{aligned}3. \quad & 2x - 4y + 4z = 2 \\& 6x + 3y - 3z = 6 \\& 6x - 2y - 1z = 0\end{aligned}$$

$$\begin{aligned}4. \quad & 4x + 1y - 5z = 25 \\& 6x - 3y + 6z = 42 \\& 6x + 2y + 3z = 49\end{aligned}$$

$$\begin{aligned}5. \quad & 6x - 2y + 1z = 41 \\& 6x + 6y + 4z = 118 \\& 5x + 3y + 1z = 68\end{aligned}$$

$$\begin{aligned}6. \quad & 4x + 5y + 2z = 52 \\& 5x - 1y - 4z = 23 \\& 4x - 3y - 4z = 8\end{aligned}$$