

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

Name: _____

Date: _____ Score: _____

$$\begin{aligned}1. \quad & 5x + 1y - 1z = 9 \\& 4x - 6y - 2z = -28 \\& 6x + 1y + 4z = 15\end{aligned}$$

$$\begin{aligned}2. \quad & 4x - 1y + 6z = 41 \\& 4x + 6y + 4z = 62 \\& 2x + 1y - 3z = -14\end{aligned}$$

$$\begin{aligned}3. \quad & 6x + 3y - 4z = 45 \\& 1x - 5y + 6z = 9 \\& 1x + 3y - 6z = -7\end{aligned}$$

$$\begin{aligned}4. \quad & 1x + 3y - 2z = 5 \\& 2x + 5y - 6z = -10 \\& 6x + 5y - 1z = 29\end{aligned}$$

$$\begin{aligned}5. \quad & 3x + 1y - 4z = 0 \\& 6x + 6y - 4z = 44 \\& 3x + 4y - 6z = -2\end{aligned}$$

$$\begin{aligned}6. \quad & 3x + 4y - 5z = 3 \\& 1x - 3y + 4z = 9 \\& 3x - 6y - 5z = -57\end{aligned}$$