

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

Name: \_\_\_\_\_

Date: \_\_\_\_\_ Score: \_\_\_\_\_

$$\begin{aligned}1. \quad & 6x + 2y + 4z = 42 \\& 3x - 6y - 5z = -28 \\& 4x + 4y + 1z = 25\end{aligned}$$

$$\begin{aligned}2. \quad & 6x + 4y - 4z = -2 \\& 1x + 4y + 4z = 49 \\& 2x - 5y + 5z = 12\end{aligned}$$

$$\begin{aligned}3. \quad & 4x + 6y - 3z = 52 \\& 3x + 3y + 6z = 45 \\& 6x - 2y - 1z = 8\end{aligned}$$

$$\begin{aligned}4. \quad & 2x + 4y + 4z = 30 \\& 3x - 4y - 3z = -21 \\& 4x - 1y + 1z = 5\end{aligned}$$

$$\begin{aligned}5. \quad & 2x - 6y + 5z = -31 \\& 6x - 4y - 5z = -15 \\& 5x + 1y + 2z = 24\end{aligned}$$

$$\begin{aligned}6. \quad & 1x + 3y - 5z = 2 \\& 1x - 5y - 6z = -25 \\& 4x - 5y - 2z = 11\end{aligned}$$