

Assignment

Date _____ Period _____

Solve each system.

$$\begin{aligned} 1) \quad & -x + 4y + 3z = -15 \\ & -5x + 4y + 5z = -27 \\ & 3x - 4y + 3z = 21 \end{aligned}$$

$$\begin{aligned} 2) \quad & -3x + 6y - 2z = 10 \\ & 2x + 4y + 3z = 3 \\ & 3x + 2y + 4z = 0 \end{aligned}$$

$$\begin{aligned} 3) \quad & 6x - 4y - 6z = 24 \\ & 4x + 4y - z = -10 \\ & 6x - 6y - 2z = 22 \end{aligned}$$

$$\begin{aligned} 4) \quad & 2x - 3y + z = 18 \\ & 4x + 4y - z = 10 \\ & 5x + 6y - 6z = 1 \end{aligned}$$

$$\begin{aligned} 5) \quad & -3x + y - 5z = -14 \\ & 3x + y - z = -2 \\ & -6x + 6y + 2z = 12 \end{aligned}$$

$$\begin{aligned} 6) \quad & 3x - 5y - z = -8 \\ & 3x + 3y - 4z = -19 \\ & 4x - 5y - 4z = -15 \end{aligned}$$

$$\begin{aligned} 7) \quad & -x - 6y + 3z = 5 \\ & 6x - y - z = -13 \\ & 3x + 3y + 5z = -1 \end{aligned}$$

$$\begin{aligned} 8) \quad & -3x + 3y - 4z = -8 \\ & -3x + 4y - z = 0 \\ & x - 5y - 6z = -20 \end{aligned}$$