$$5x - 2y = 20.9$$

$$-x + 4y = -19.3$$

$$\begin{bmatrix} 5 & -2 & | & 20.9 \\ -1 & 4 & | & -19.3 \end{bmatrix}$$

$$\int_{2}^{2} L_{1} + L_{2}.5$$

$$\begin{bmatrix} 5 & -2 & | 20.9 & | \\ 5 & -1.5 & -2.44.5 & | 20.9 - 19.3.5 \end{bmatrix}$$

$$X = \frac{20.9 + 2(-4.2)}{5} = 2.5$$

$$\begin{bmatrix} 0.2 - \frac{5}{1} & 3.2 + \frac{5}{2} \\ 0.2 & 3.2 \end{bmatrix}$$
 2.4 + $\frac{5}{1.3}$

$$\begin{bmatrix} a5 & 3.5 & 5.7 \\ 0 & 6 & 9.6 \end{bmatrix}$$

$$X = \frac{5.7 - 3.5 \cdot 1.6}{0.5} = 0.2$$

$$0.8 \times + 1.2 y - 0.6 = -7.3$$

$$2.6 \times + 1.7 = 15.3$$

$$4.0 \times -7.3 y - 1.5 = 1.1$$

$$Z = \frac{2.71}{2.71} = 19.8$$

$$X = \frac{-7.8 + 0.6 \cdot 19.8 - 1.2 \cdot 8.11}{0.8} = -7.06$$

$$\begin{bmatrix} 1 & 1 & 1 & 2 \\ 0 & 4 & 6 & -12 \\ 0 & 0 & 2 & -4 \end{bmatrix} \qquad \begin{array}{c} 2 = -\frac{12}{4} - 6(-2) \\ 7 = -\frac{12}{4} - 6(-2) = 0 \\ 7 = 2 - (-2) = 4 \end{array}$$

(13)
$$x+y-2z=0$$

 $-4w-x-y-2z=-4$
 $-2w+3x+3y-6z=-2$