$$\Delta = \begin{vmatrix} 1 & 2 & 1 \\ 2 & 1 & 1 \end{vmatrix} = 1 + 2 + 6 - (1 + 3 + 4)$$

$$= 9 - 8 = 1$$

$$\Delta X = \begin{vmatrix} 1 & 1 & 1 \\ -1 & 3 & 1 \end{vmatrix} = 1 + 4 - 3 - (2 + 3 - 1)$$

$$= 2 - 3 = -1$$

$$\Delta Y = \begin{vmatrix} 1 & 1 & 1 \\ 2 & -1 & 1 \end{vmatrix} = -1 + 1 + 4 - (-1 + 2 + 2)$$

$$= 4 - 3 = 1$$

$$\Delta Z = \begin{vmatrix} 1 & 2 & 1 \\ 2 & 1 & -1 \end{vmatrix} = 2 - 2 + 6 - (1 - 3 + 8)$$

$$= 6 - 6 = 0$$

$$X = \frac{\Delta X}{6} = -1, \quad Y = \frac{\Delta Y}{6} = 1, \quad Z = \frac{\Delta Z}{6} = 0$$