TEMA:

Determinante método cofactor

Complete los procesos para desarrollar la determinante de una matriz

$$\begin{bmatrix} 3 & -2 & 1 \\ 2 & -1 & -7 \\ 4 & 1 & 8 \end{bmatrix}$$

$$\Delta = c_1C_1 + c_2C_2 + c_3C_3$$

$$C_1 = (-1)^{1+3} = \begin{vmatrix} & \\ & \end{vmatrix} = +(\quad + \quad) =$$

$$C_2 = (-1)^{2+3} = \begin{vmatrix} & \\ & \end{vmatrix} = -(\quad + \quad) =$$

$$C_3 = (-1)^{3+3} = \begin{vmatrix} & \\ & \end{vmatrix} = (\quad + \quad) =$$

$$\Delta = (\quad) - (\quad) + (\quad)$$

$$\Delta = \quad + \quad + \quad =$$

$$\begin{bmatrix} 3 & -2 & 1 \\ 2 & -1 & -7 \\ 4 & 1 & 8 \end{bmatrix}$$

$$\Delta = a_2A_2 + b_2B_2 + c_2C_2$$

$$A_2 = (-1)^{2+1} = \begin{vmatrix} & \\ & \end{vmatrix} = -(\quad - \quad) =$$

$$B_2 = (-1)^{2+2} = \begin{vmatrix} & \\ & \end{vmatrix} = (\quad - \quad) =$$

$$C_2 = (-1)^{2+3} = \begin{vmatrix} & \\ & \end{vmatrix} = -(\quad + \quad) =$$

$$\Delta = \quad (\quad) - \quad (\quad) - \quad (\quad)$$

$$\Delta = \quad - \quad + \quad =$$