

## REGLA DE CRAMER

Resuelve el siguiente sistema mediante la regla de Cramer:

$$\left. \begin{array}{l} 2x - y - 2z = -2 \\ -x + y + z = 0 \\ x - 2y + z = 8 \end{array} \right\}$$

$$A_x = \frac{\begin{vmatrix} 2 & -1 & -2 \\ -1 & 1 & 1 \\ 1 & -2 & 1 \end{vmatrix}}{\begin{vmatrix} 2 & -1 & -2 \\ -1 & 1 & 1 \\ 1 & -2 & 1 \end{vmatrix}} = \frac{\text{---}}{\text{---}} = \quad A_y = \frac{\begin{vmatrix} 2 & -1 & -2 \\ 2 & -1 & -2 \\ 1 & -2 & 1 \end{vmatrix}}{\begin{vmatrix} 2 & -1 & -2 \\ -1 & 1 & 1 \\ 1 & -2 & 1 \end{vmatrix}} = \frac{\text{---}}{\text{---}} =$$

$$A_z = \frac{\begin{vmatrix} 2 & -1 & -2 \\ -1 & 1 & 1 \\ 2 & -2 & 1 \end{vmatrix}}{\begin{vmatrix} 2 & -1 & -2 \\ -1 & 1 & 1 \\ 1 & -2 & 1 \end{vmatrix}} = \frac{\text{---}}{\text{---}} =$$

**SOLUCIÓN:**  $X =$

$Y =$

$Z =$