

COMPETENCIA: MATRICES

$A \times B$ Comprueba si es posible multiplicar. $A = \begin{pmatrix} 1 & 2 \\ 3 & 4 \end{pmatrix} \quad B = \begin{pmatrix} -4 & 3 \\ 2 & -1 \\ 3 & -5 \end{pmatrix}$	$G \times H$ Comprueba, si es posible multiplicar. $G = \begin{pmatrix} -1 & 4 & -5 \\ 2 & -3 & 6 \end{pmatrix} \quad H = \begin{pmatrix} -1 & 2 \\ -2 & 4 \\ 6 & 0 \end{pmatrix}$
$A \times E$ Comprueba si es posible multiplicar, $A = \begin{pmatrix} 1 & 2 \\ 3 & 4 \end{pmatrix} \quad E = \begin{pmatrix} 4 & 2 \\ 5 & -3 \end{pmatrix}$	$G \times I$ Comprueba, si es posible multiplicar. $G = \begin{pmatrix} -1 & 4 & -5 \\ 2 & -3 & 6 \end{pmatrix} \quad I = \begin{pmatrix} -3 & 5 & 0 \\ 5 & -3 & 4 \\ -1 & -2 & -2 \end{pmatrix}$
$B \times I$ Comprueba si es posible multiplicar. $B = \begin{pmatrix} -4 & 3 \\ 2 & -1 \\ 3 & -5 \end{pmatrix} \quad I = \begin{pmatrix} -3 & 5 & 0 \\ 5 & -3 & 4 \\ -1 & -2 & -2 \end{pmatrix}$	$C \times A$ Comprueba si es posible multiplicar. $C = \begin{pmatrix} 4 & -5 & 1 \\ 2 & -2 & 0 \\ 3 & 4 & -1 \end{pmatrix} \quad A = \begin{pmatrix} 1 & 2 \\ 3 & 4 \end{pmatrix}$

$$A \times E \quad A = \begin{pmatrix} 1 & 2 \\ -3 & -4 \end{pmatrix} \quad E = \begin{pmatrix} 4 & 2 \\ 5 & -3 \end{pmatrix}$$

$$A \times E = \begin{bmatrix} () () + () () & () () + () () \\ () () + () () & () () + () () \end{bmatrix}$$

$$A \times E = \left(\begin{array}{cc} \underline{\quad} + \underline{\quad} & \underline{\quad} + \underline{\quad} \\ \underline{\quad} + \underline{\quad} & \underline{\quad} + \underline{\quad} \end{array} \right)$$

$$A \times E = \left(\begin{array}{cc} \square & \square \end{array} \right)$$

1 Pedro 5:7 Echando toda vuestra solicitud en él, porque él tiene cuidado de vosotros.

$$J \times G \quad J = \begin{pmatrix} -5 & 4 \\ -3 & 2 \end{pmatrix} \quad G = \begin{pmatrix} -1 & 4 & -5 \\ 2 & -3 & 6 \end{pmatrix}$$

$$J \times G = \begin{bmatrix} () () + () () & () () + () () & () () + () () \\ () () + () () & () () + () () & () () + () () \end{bmatrix}$$

$$J \times G = \left(\begin{array}{ccc} \underline{\quad} + \underline{\quad} & \underline{\quad} + \underline{\quad} & \underline{\quad} + \underline{\quad} \\ \underline{\quad} + \underline{\quad} & \underline{\quad} + \underline{\quad} & \underline{\quad} + \underline{\quad} \end{array} \right)$$

$$J \times G = \left(\begin{array}{ccc} \square & \square & \square \end{array} \right)$$

$$B \times A \quad B = \begin{pmatrix} -4 & 3 \\ 2 & -1 \\ 3 & -5 \end{pmatrix} A = \begin{pmatrix} 1 & 2 \\ -3 & -4 \end{pmatrix}$$

$$B \times A = \begin{pmatrix} () () + () () & () () + () () \\ () () + () () & () () + () () \\ () () + () () & () () + () () \end{pmatrix}$$

$$B \times A = \begin{pmatrix} \text{---} + \text{---} & \text{---} + \text{---} \\ \text{---} + \text{---} & \text{---} + \text{---} \\ \text{---} + \text{---} & \text{---} + \text{---} \end{pmatrix} \quad B \times A = \begin{pmatrix} \text{---} & \text{---} \\ \text{---} & \text{---} \end{pmatrix}$$

$$C \times D \quad B = \begin{pmatrix} -5 & -2 \\ 2 & -4 \\ -1 & 3 \end{pmatrix} A = \begin{pmatrix} -4 & -3 \\ 5 & -1 \end{pmatrix}$$

$$C \times D = \begin{pmatrix} () () + () () & () () + () () \\ () () + () () & () () + () () \\ () () + () () & () () + () () \end{pmatrix}$$

$$B \times A = \begin{pmatrix} \text{---} + \text{---} & \text{---} + \text{---} \\ \text{---} + \text{---} & \text{---} + \text{---} \\ \text{---} + \text{---} & \text{---} + \text{---} \end{pmatrix} \quad B \times A = \begin{pmatrix} \text{---} & \text{---} \\ \text{---} & \text{---} \end{pmatrix}$$