

NOMBRE:

Escribe los datos correspondientes en la multiplicación de matrices.

1 Sea las matrices C y D, hallar C * D.

$$C = \begin{bmatrix} 3 & 1 \\ 2 & 4 \\ -1 & 5 \end{bmatrix} \quad D = \begin{bmatrix} 1 & 2 & -3 \\ 4 & 0 & -2 \end{bmatrix}$$

Dimensión A= x Dimensión B= x



$$A * B = \begin{bmatrix} C_{11} & C_{12} & C_{13} \\ C_{21} & C_{22} & C_{23} \\ C_{31} & C_{32} & C_{33} \end{bmatrix}$$

$$C_{11} = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$C_{12} = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$C_{13} = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$C_{21} = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$C_{22} = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$C_{23} = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$C_{31} = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$C_{32} = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$C_{33} = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$A * B = \boxed{\quad}$$

Escribe el literal de la respuesta correcta

$$a) \begin{bmatrix} 7 & 6 & -11 \\ 18 & 4 & -14 \\ 19 & -2 & -7 \end{bmatrix} \quad b) \begin{bmatrix} 7 & 9 & 9 \\ 15 & 8 & 2 \\ 0 & 0 & 0 \end{bmatrix} \quad c) \begin{bmatrix} 0 & 5 & 2 \\ 1 & 6 & 9 \\ 8 & 4 & -7 \end{bmatrix}$$