

OPERACIONES CON MATRICES 2

Resuelva: $A \times B + C$

Matriz A:

$$\begin{pmatrix} 1/3 & 5/2 & -2/3 \\ -1/2 & 2/5 & 2/4 \\ -3/2 & -1/4 & 4/3 \end{pmatrix}$$

Matriz B:

$$\begin{pmatrix} -1/5 & 4/8 & -3/4 \\ 5/6 & 7/2 & 4/3 \\ 1/3 & -1/4 & -5/3 \end{pmatrix}$$

Matriz C

$$\begin{pmatrix} -1/2 & 3/4 & -4/3 \\ 1/6 & 1/2 & -1/3 \\ 2/3 & 1/4 & -5/3 \end{pmatrix}$$

Desarrollo

$$a_{11} = \quad \times \quad + \quad \times \quad + \quad \times \quad =$$

$$a_{12} = \quad \times \quad + \quad \times \quad + \quad \times \quad =$$

$$a_{13} = \quad \times \quad + \quad \times \quad + \quad \times \quad =$$

$$a_{21} = \quad \times \quad + \quad \times \quad + \quad \times \quad =$$

$$a_{22} = \quad \times \quad + \quad \times \quad + \quad \times \quad =$$

$$a_{23} = \quad \times \quad + \quad \times \quad + \quad \times \quad =$$

$$a_{31} = \quad \times \quad + \quad \times \quad + \quad \times \quad =$$

$$a_{32} = \quad \times \quad + \quad \times \quad + \quad \times \quad =$$

$$a_{33} = \quad \times \quad + \quad \times \quad + \quad \times \quad =$$

Matriz **A x B**

$$\begin{pmatrix} \square & \square & \square \\ \square & \square & \square \\ \square & \square & \square \end{pmatrix}$$

+

Matriz **C**

$$\begin{pmatrix} -1/2 & 3/4 & -4/3 \\ 1/6 & 1/2 & -1/3 \\ 2/3 & 1/4 & -5/3 \end{pmatrix}$$

AxB+C

$$\begin{pmatrix} \square & \square & \square \\ \square & \square & \square \\ \square & \square & \square \end{pmatrix}$$