

OPERACIONES CON MATRICES 1

Resuelva: $A \times B + C$

Matriz A:

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

Matriz B:

$$\begin{pmatrix} -\frac{1}{3} & -\frac{5}{7} & \frac{2}{3} \\ -\frac{1}{2} & \frac{5}{2} & -\frac{2}{9} \\ \frac{3}{5} & \frac{1}{8} & \frac{4}{3} \end{pmatrix}$$

Matriz C

$$\begin{pmatrix} -\frac{1}{5} & \frac{4}{8} & -\frac{3}{4} \\ \frac{5}{6} & \frac{7}{2} & \frac{4}{3} \\ \frac{1}{3} & -\frac{1}{4} & -\frac{5}{9} \end{pmatrix}$$

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**

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

+

Matriz **C**

$$\begin{pmatrix} -1/5 & 4/8 & -3/4 \\ 5/6 & 7/2 & 4/3 \\ 1/3 & -1/4 & -5/9 \end{pmatrix}$$

AxB+C

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