# SUMATORIA

CECFOR 3
SEXTO SEMESTRE
SECCIÓN A

## NOMBRE:

Realiza las siguientes sumatorias

$$\sum_{k=3}^{5}(3k-1)$$

$$= (3(\bigcirc)-1)+(3(\bigcirc)-1)+(3(\bigcirc)-1)$$

$$= (\bigcirc-1)+(\bigcirc-1)+(\bigcirc-1)$$

$$= \bigcirc+\bigcirc+\bigcirc$$

$$= \bigcirc$$

$$\sum_{j=1}^{4}\frac{2}{j+1}$$

$$= \frac{2}{\bigcirc+1}+\frac{2}{\bigcirc+1}+\frac{2}{\bigcirc+1}+\frac{2}{\bigcirc+1}$$

$$= \frac{2}{\bigcirc}+\frac{2}{\bigcirc}+\frac{2}{\bigcirc}+\frac{2}{\bigcirc}$$

$$= \frac{\bigcirc}{\bigcirc}$$

$$\sum_{n=2}^{5} n\sin\left(\frac{n\pi}{2}\right)$$

$$= \bigcirc\sin\left(\frac{\bigcirc\pi}{2}\right)+\bigcirc\sin\left(\frac{\bigcirc\pi}{2}\right)+\bigcirc\sin\left(\frac{\bigcirc\pi}{2}\right)+\bigcirc\sin\left(\frac{\bigcirc\pi}{2}\right)$$

$$= 2(\bigcirc)+3(\bigcirc)+4(\bigcirc)+5(\bigcirc)$$

$$= \bigcirc-\bigcirc+\bigcirc+\bigcirc$$

$$= \bigcirc$$

LIVEWORKSHEETS