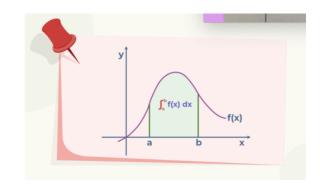
Definite Integrals

Wednesday, 23 July 2025 7:19 PM



$$E_{x} \rightarrow I = \int_{4}^{6} 3n^{2} dn$$

$$= 3 \int_{4}^{6} n^{2} dn$$

$$= 3 \left[\frac{n^{3}}{3} \right]_{4}^{6}$$

$$= [6]^{3} - [4]^{3}$$

$$= 216 - 64$$

$$= 152$$