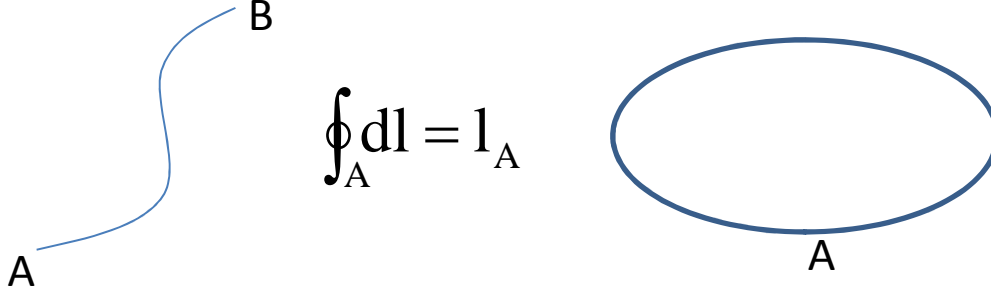
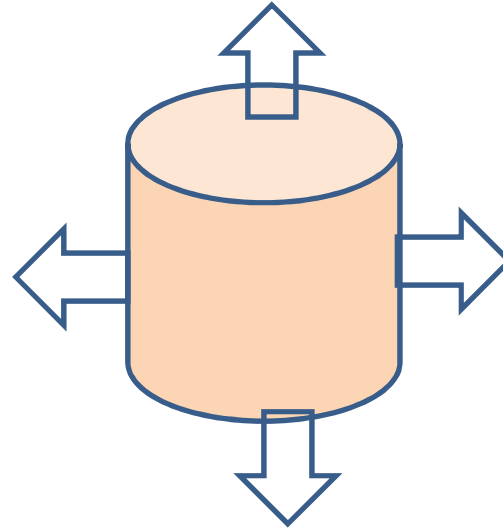


# GAUSS THEOREM

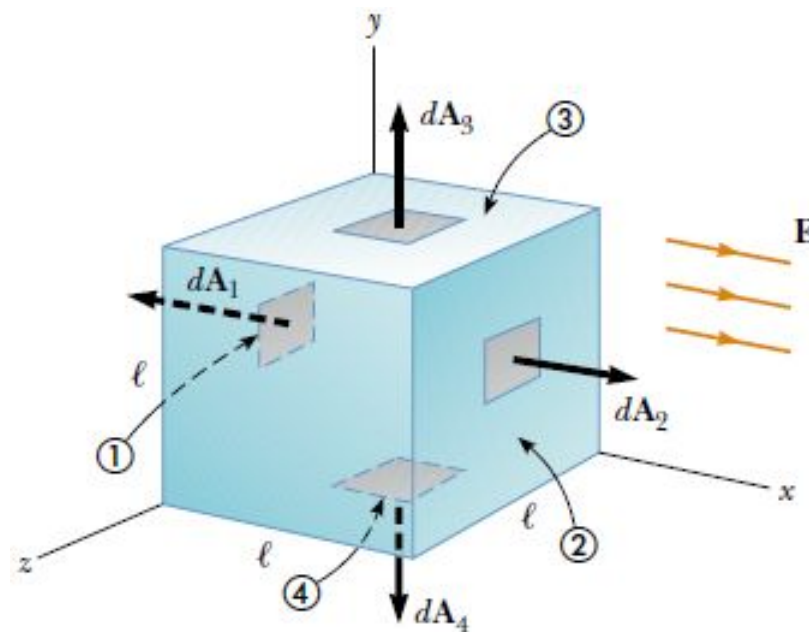
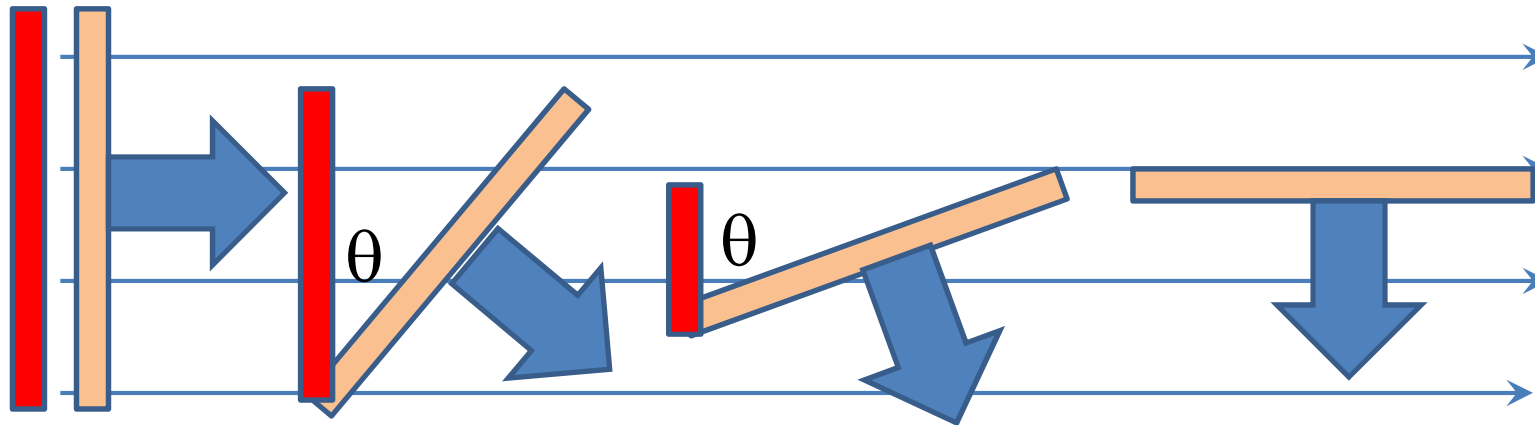
$$\text{Flux } \phi = \int \vec{E} \cdot d\vec{S} = \int E \cdot dS \cos \theta \quad \text{Unit} = \frac{\text{N}}{\text{C}} \cdot \text{m}^2$$

$$\int_A^B dl = l_{BA} \quad \oint_A dl = l_A$$


$$\phi = \oint_S \vec{E} \cdot d\vec{S} = \frac{q}{\epsilon_0}$$



# GAUSS THEOREM



# GAUSS THEOREM

