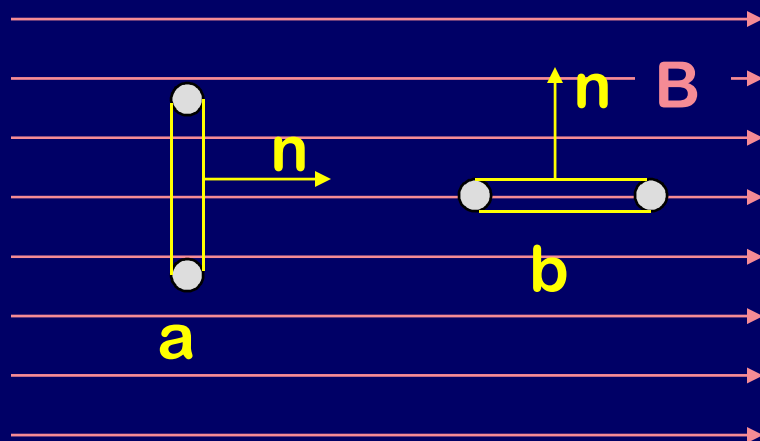# Preflight 10.7

"more lines pass through its surface in that position."

$$\Phi_A = B\,A\cos(0) = BA$$

$$\Phi_B = B\,A\cos(90) = 0$$

Compare the flux through loops a and b.

1) $\Phi_a > \Phi_b$ 2) $\Phi_a < \Phi_b$