▪ Lenz's Law

Direction for Φ is dir. of field through loop.

$\frac{d\Phi}{dt}$ is same as (opposite to) dir. for Φ when increasing (decreasing).

$\Phi_{induced}$ dir. is opposite to dir. for $\frac{d\Phi}{dt}$.

Get direction of $\mathcal{E}$ or I by Right Hand Rule.