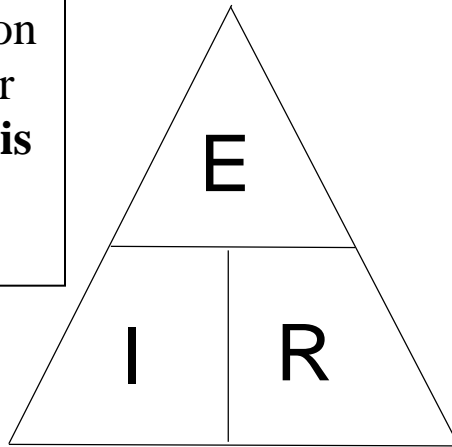


RESISTANCE AND OHMS LAW

Copy everything on this page into your notebook. **Yes, this includes the Triangle!**



RESISTANCE: The tendency to slow or stop electric current.

OHMS - a measurement of resistance to the flow of electrons.

OHM'S LAW - states the mathematical relationship between current, voltage and ohms of resistance.

E = Electromotive Force = Voltage = V

I = Current = Amperes = a

R = Resistance = Ohms = Ω

Voltage equals Current multiplied by Resistance $E = IR$

Current equals Voltage divided by Resistance $I = E/R$

Resistance equals Voltage divided by Current $R = E/I$