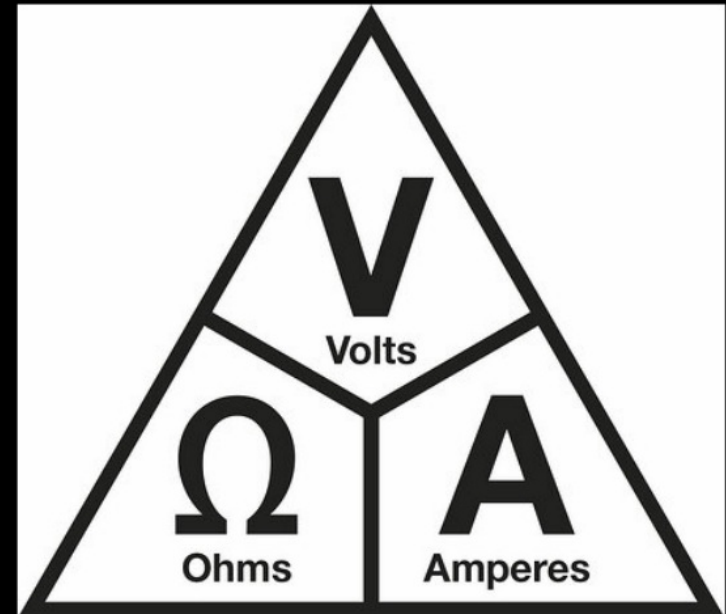


2.11.20

Electricity: Ohm's Law 2

Today's Objectives:

- Recap Ohm's Law
- Use ammeters to measure current
- Use capacitors to store current



What do these stand for?

$$I = \frac{V}{R}$$


$$V = IR$$

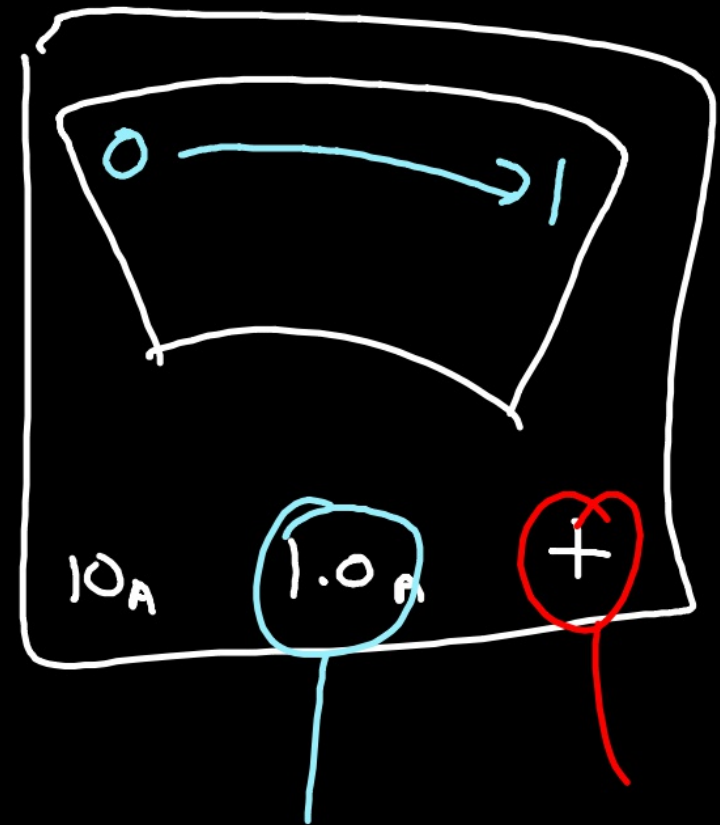
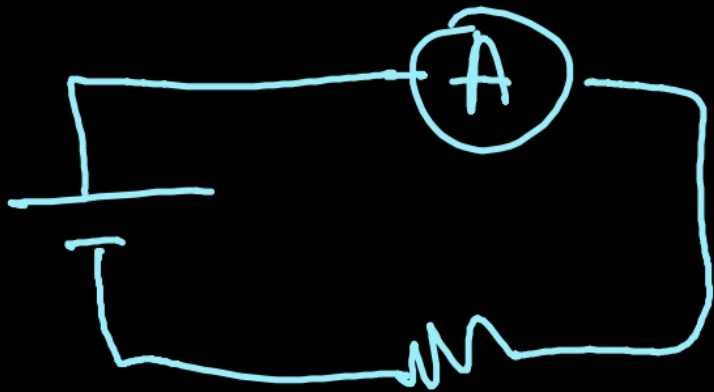
I Current (amps)

V Voltage (volts)

R Resistance (ohms, Ω)

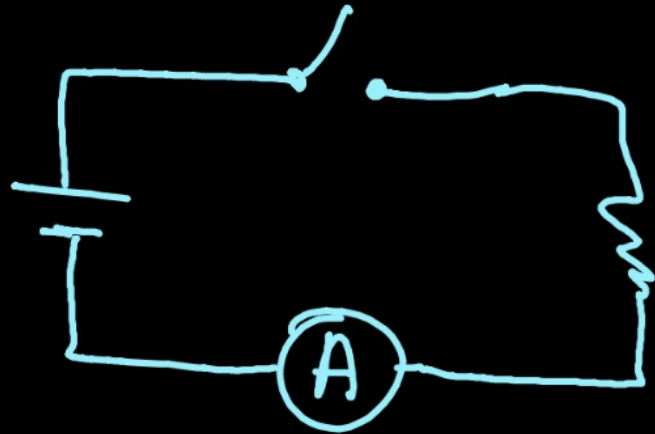
New Equipment: Ammeter - measures amps of current

Circuit Diagram = 



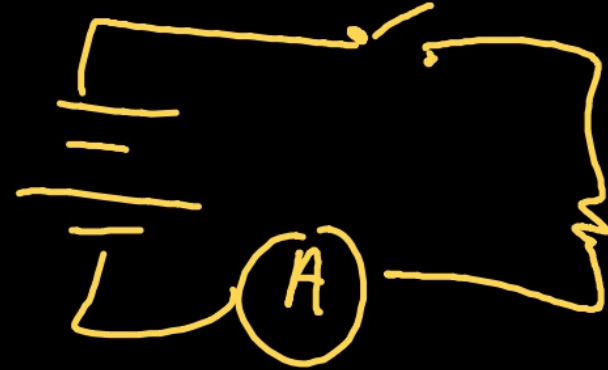
Ammeter Lab - Make these circuits and measure how many amps are flowing through them.

1.



_____ Amps

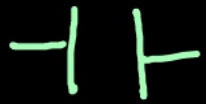
2.



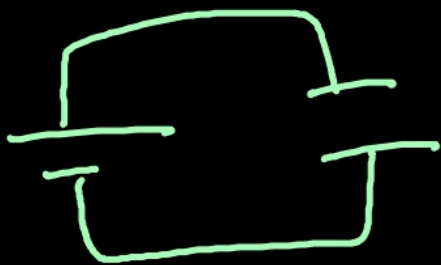
2 Batteries

_____ Amps

Capacitor = stores electricity



① Charge the Capacitor



② De-Charge the Capacitor

