

CIRCUITS

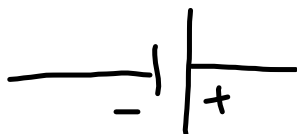
• Parts



wire



resistor

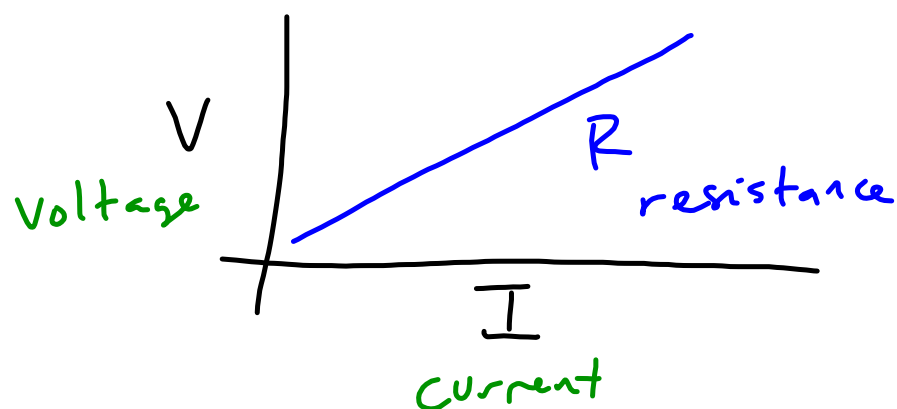


battery



lightbulb

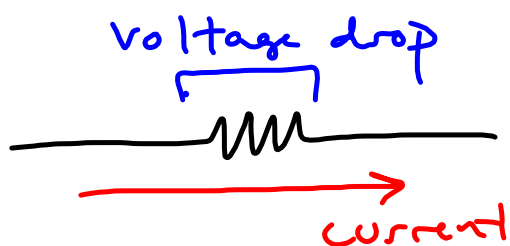
Ohm's Law



$$V = IR$$

$$\text{voltage} = (\text{current})(\text{resistance})$$

$$V = (A)(\Omega)$$



- Resistance uses energy (\leftarrow voltage) to do something