

GRAPHING BASICS (NOTES SHEET) - 2ND DISTRIBUTION

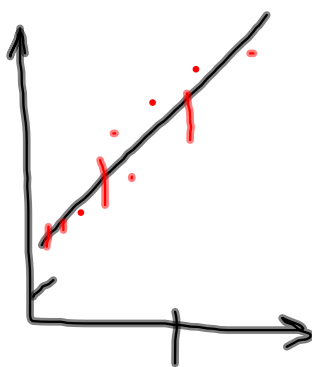
TIME IS USUALLY THE INDEPENDENT VARIABLE

{ X AXIS }

"TIME MARCHES ON"

"TIME WAIT FOR NO ONE"

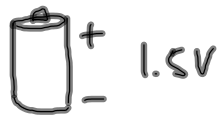
"TIME IS INDEPENDENT OF EVERYTHING"



+y
+x

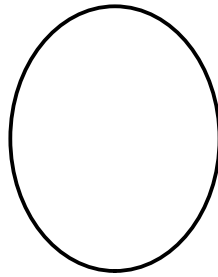
- 0.5 $\frac{m}{s}$

ADDENDUM: THE MEANING OF THE SLOPE IS DETERMINED BY ITS UNITS & MAGNITUDE & SIGN.



1.5V

SCHEMATIC SYMBOL



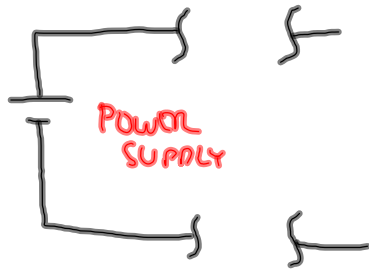
CIRCLE
CIRCUIT

CHARGE CAN NEITHER BE CREATED OR DESTROYED



H

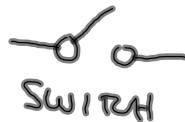
CONSERVATION
OF
CHARGE



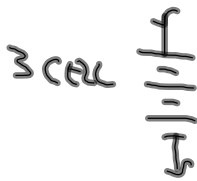
POWER
SUPPLY



~~⊗~~ LIGHT BULB



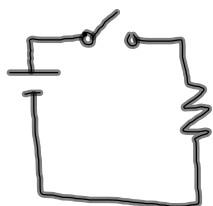
SWITCH



3 CAP

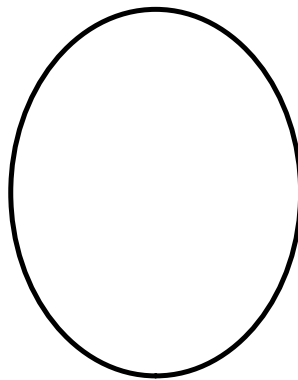


RESISTIVE ELEMENT



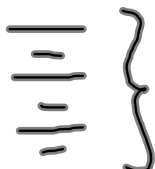


SCHMATIC SYMBOL



circle circuit

WIRE \Rightarrow —



3 CELL BATTERY SCHEMATIC SYMBOL

TYPICAL LOAD \rightarrow LIGHT BULB



RESISTOR

