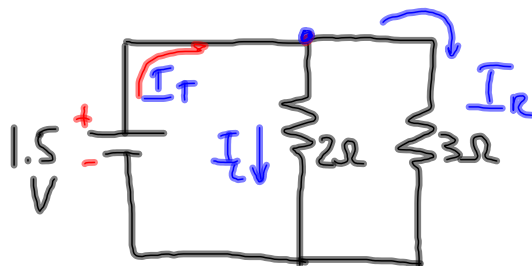


FIND TOTAL CURRENT GENERATED BY THE BATTERY.

FIND THE CURRENT IN EACH RESISTOR.

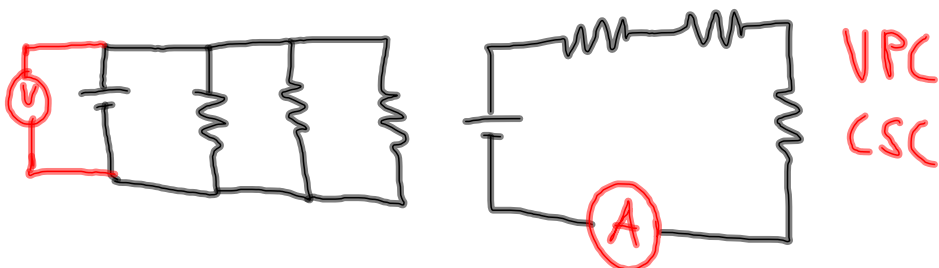


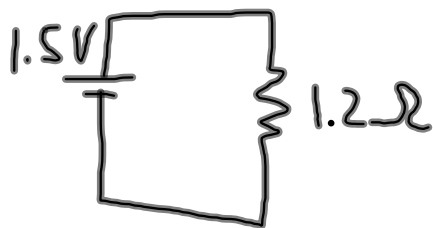
LEFT RESISTOR

$V = IR$ $1.5 = I_L \cdot 2$ $I_L = \frac{1.5}{2} = .75A$

RIGHT RESISTOR

$V = IR$ $1.5 = I_R \cdot 3$ $I_R = \frac{1.5}{3} = .5A$



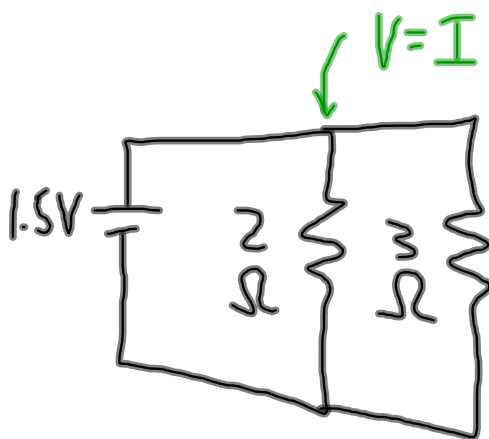


$$V = IR$$

Ohm's Law

$$1.5 = I \cdot 1.2$$

$$I = 1.25A$$



$$V = IR$$

$$1.5V = I_T \cdot 2$$

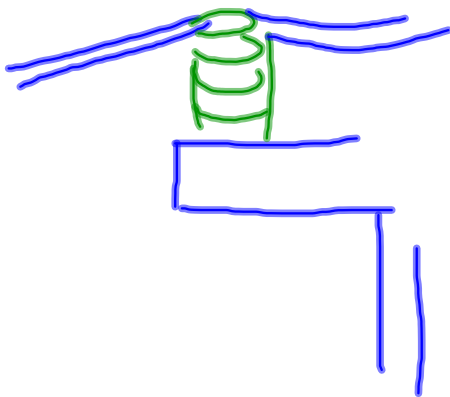
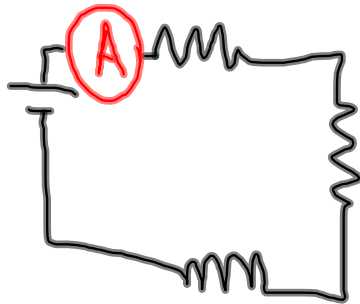
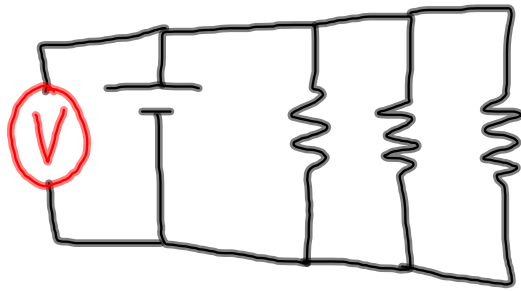
$$I_T = 0.75A$$

$$I_R = 0.5A$$

$$I_T = 1.25A$$

$$V = I_R R_R$$

$$1.5 = I_R \cdot 3$$



VPC

CSC