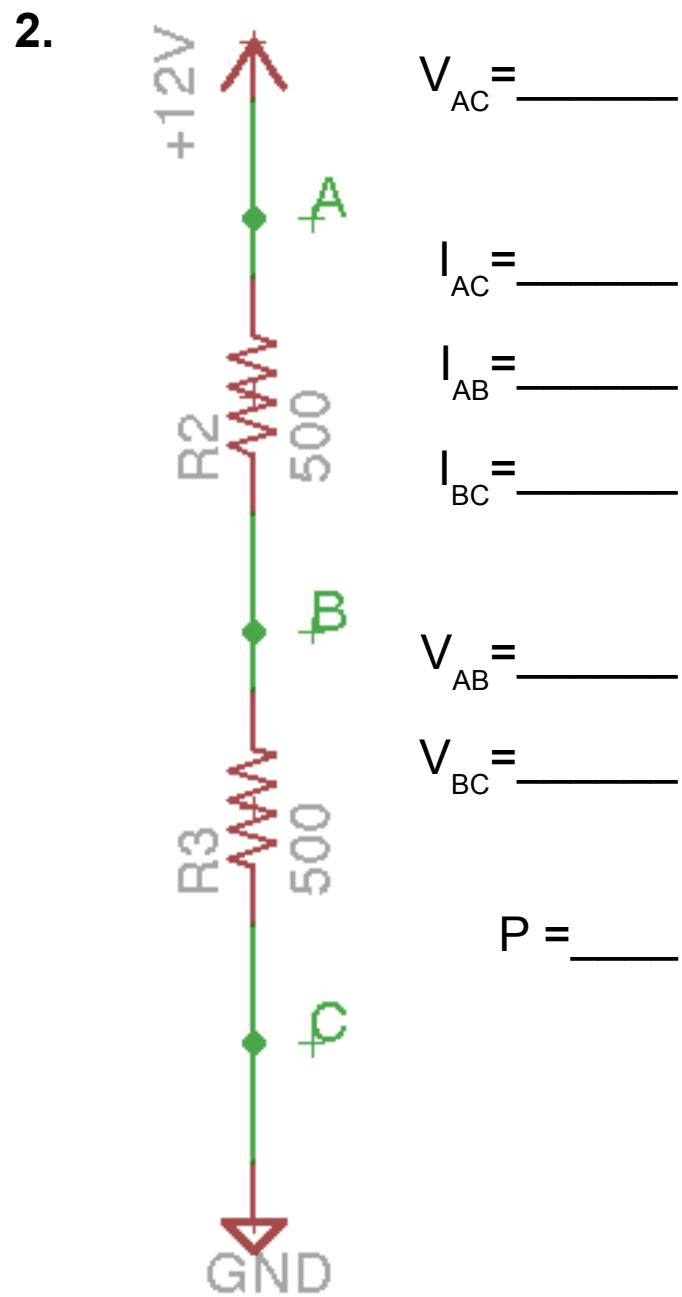
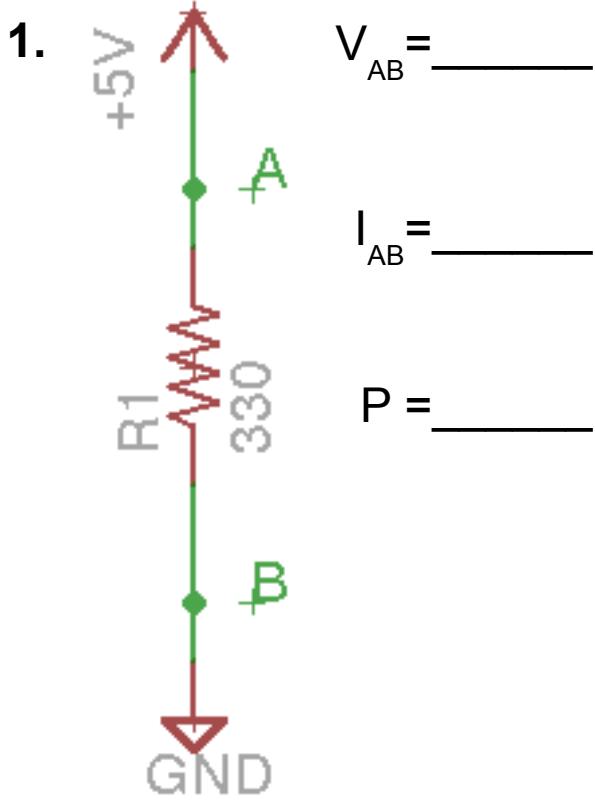


HOMEWORK 2: OHM'S LAW



Remember:

$$V = I * R$$

$$P = V * I$$

Write your Units:

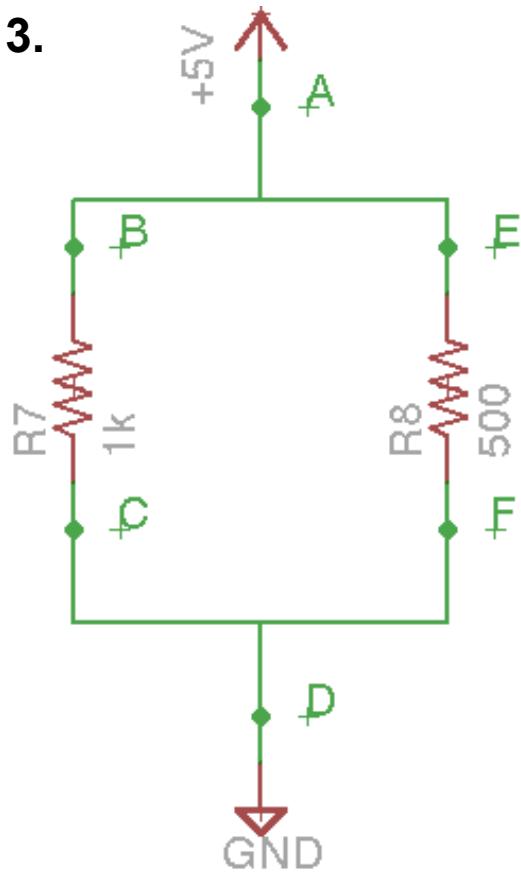
V is in Volts

I is in Amps

R is in Ohms

All resistor values are in Ohms.

3.



$$V_{AD} = \underline{\hspace{2cm}}$$

$$V_{BC} = \underline{\hspace{2cm}}$$

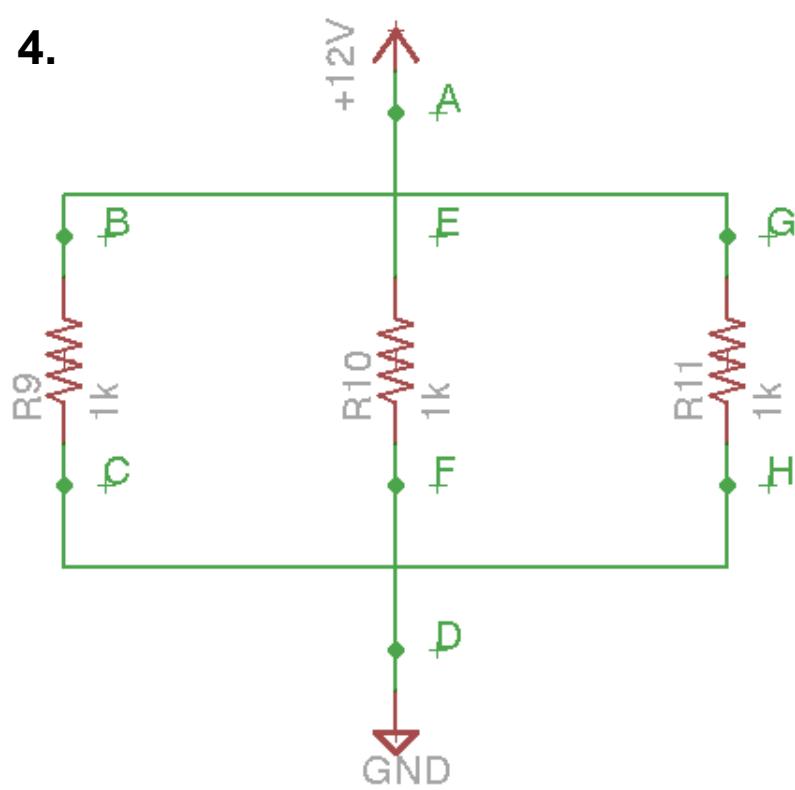
$$V_{EF} = \underline{\hspace{2cm}}$$

$$I_{BC} = \underline{\hspace{2cm}}$$

$$I_{EF} = \underline{\hspace{2cm}}$$

$$I_{AD} = \underline{\hspace{2cm}}$$

4.



$$V_{AD} = \underline{\hspace{2cm}}$$

$$V_{BC} = \underline{\hspace{2cm}}$$

$$V_{EF} = \underline{\hspace{2cm}}$$

$$V_{GH} = \underline{\hspace{2cm}}$$

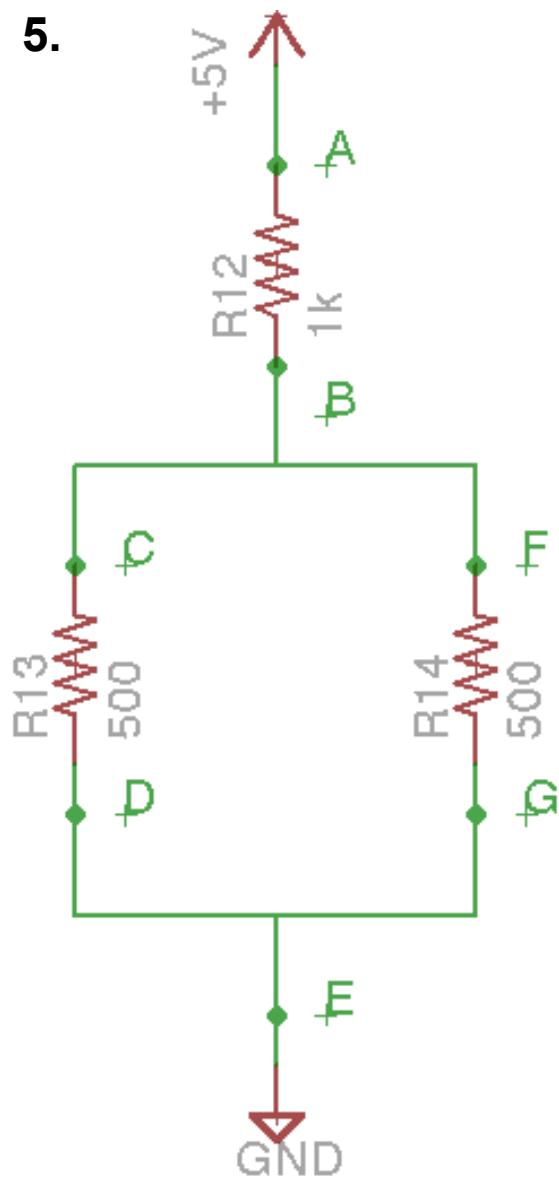
$$I_{BC} = \underline{\hspace{2cm}}$$

$$I_{EF} = \underline{\hspace{2cm}}$$

$$I_{GH} = \underline{\hspace{2cm}}$$

$$I_{AD} = \underline{\hspace{2cm}}$$

5.



$V_{AE} = \underline{\hspace{2cm}}$

$V_{BE} = \underline{\hspace{2cm}}$

$V_{AB} = \underline{\hspace{2cm}}$

$I_{CD} = \underline{\hspace{2cm}}$

$I_{FG} = \underline{\hspace{2cm}}$

$I_{BE} = \underline{\hspace{2cm}}$

$I_{AB} = \underline{\hspace{2cm}}$

$I_{AE} = \underline{\hspace{2cm}}$

6.

$V_{AB} = \underline{\hspace{2cm}}$

$I_{AB} = \underline{\hspace{2cm}}$

$P = \underline{\hspace{2cm}}$

hmmm.. these are
1/4 W resistors (0.25 W)

