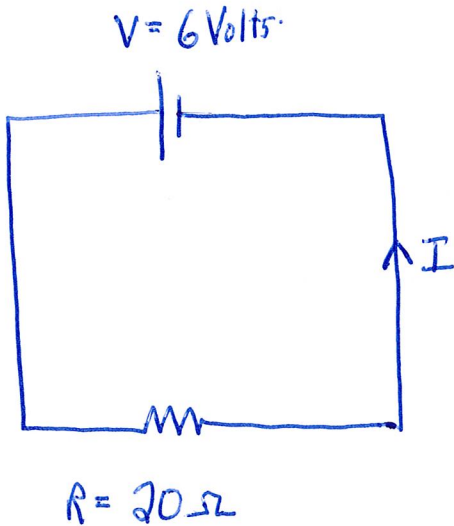


Physics 11 Circuit Analysis – Worksheet #1

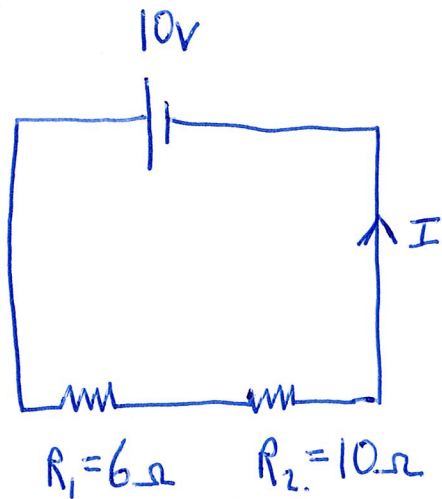
Name: _____

1. Find the required missing values. Show your working in clearly defined steps.



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

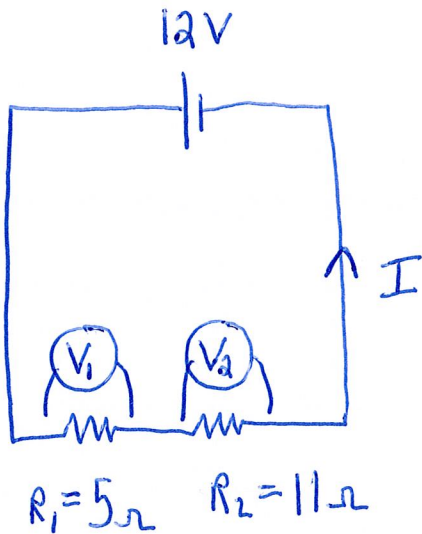
2. Find the required missing values. Show your working in clearly defined steps.



$R_{TOT} = \underline{\hspace{2cm}}$

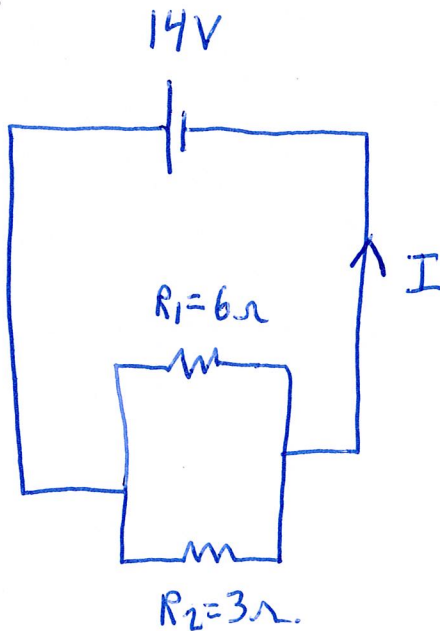
$I = \underline{\hspace{2cm}}$

3. Find the required missing values. Show your working in clearly defined steps.



$$R_{TOT} = \underline{\hspace{2cm}}$$
$$I_{TOT} = \underline{\hspace{2cm}} \quad V_1 = \underline{\hspace{2cm}}$$
$$V_2 = \underline{\hspace{2cm}}$$

4. Find the required missing values. Show your working in clearly defined (boxed steps).



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