

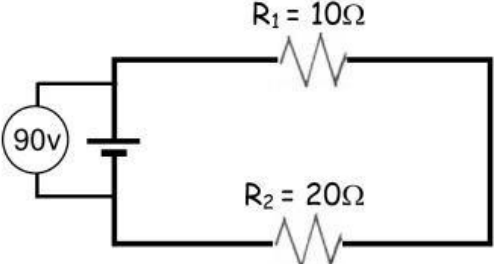
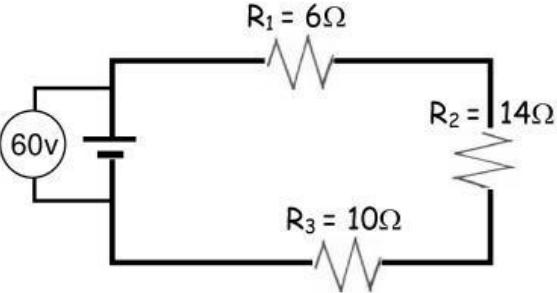
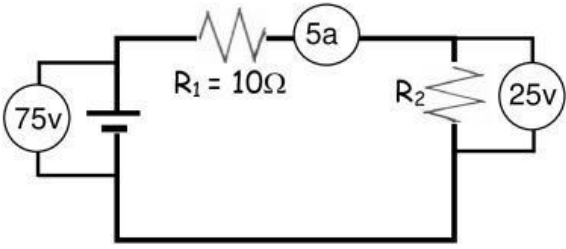
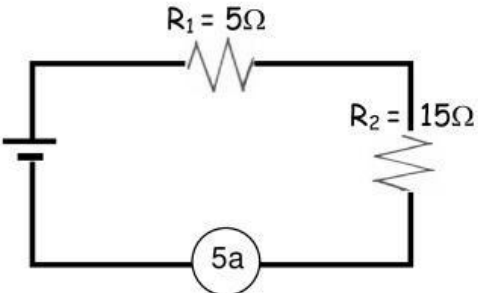
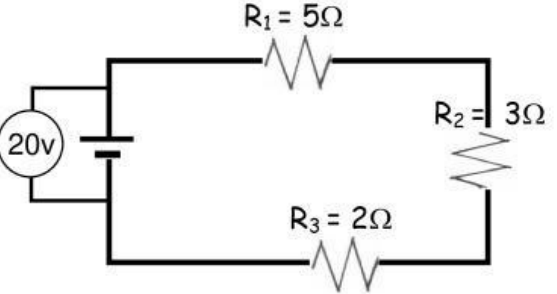
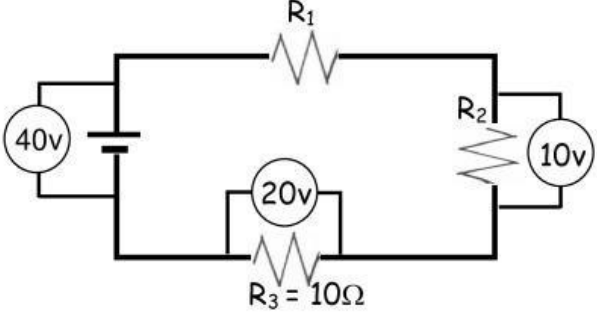
Activity Name _____

Remember that in a series circuit:

the **current** in every part of the circuit (is the same, adds up).

the **voltage** supplied by the battery is the _____ voltage of the circuit, and the voltage drops across each resistor (is the same, adds up to) the total voltage.

to calculate total **resistance** sum all resistance.

 $R_T = \underline{\hspace{2cm}}$ $I_T = \underline{\hspace{2cm}}$ $I_1 = \underline{\hspace{2cm}}$ $I_2 = \underline{\hspace{2cm}}$ $V_1 = \underline{\hspace{2cm}}$ $V_2 = \underline{\hspace{2cm}}$	 $R_T = \underline{\hspace{2cm}}$ $I_T = \underline{\hspace{2cm}}$ $I_1 = \underline{\hspace{2cm}}$ $I_2 = \underline{\hspace{2cm}}$ $I_3 = \underline{\hspace{2cm}}$ $V_1 = \underline{\hspace{2cm}}$ $V_2 = \underline{\hspace{2cm}}$ $V_3 = \underline{\hspace{2cm}}$
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