Physics Problem Set 1 H   Name _____
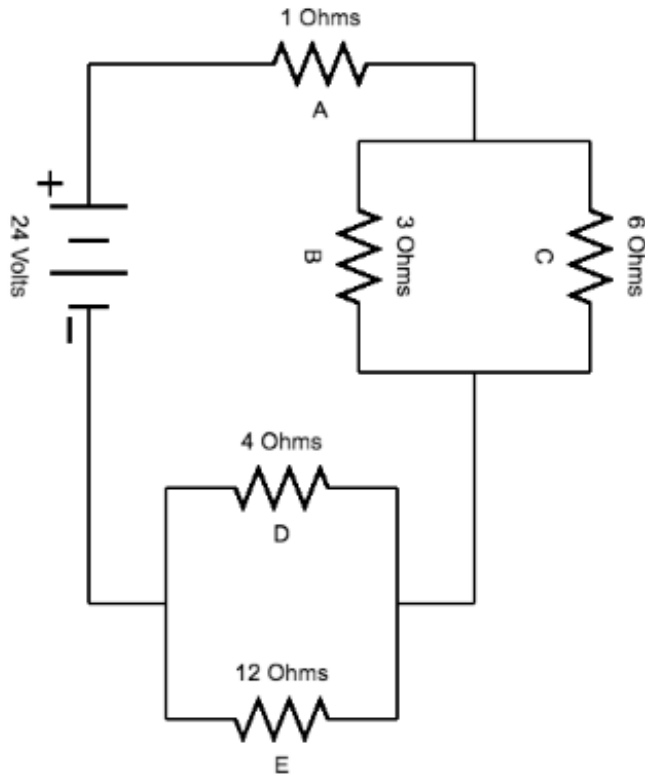
Problem Set 1:
This is a *graded homework assignment*.
I will grade the questions for correctness, as well as for completion.
You can work on this as much as you like at home.
You may work on it with a friend, however, anything that you turn in must be either in *your* handwriting or *your* typing.

The first problem set has only one question!

Solve the circuit on the previous page by filling out the following table. [5 points]

	A	B	C	D	E	Total
Potential Difference (V)						
Current (A)						
Resistance (Ω)						
Power (W)						

Find any **two** boxes on the table that are _equal_. Explain why those boxes have _equal_ numbers by referring to what you know about voltage, current, resistance and power. [3 points]

Then, find any **two** boxes on the table that _add up to the value of third box_. Explain why those two boxes add up to the third by referring to what you know about voltage, current, resistance, and power. [2 points]