Circuits Simulation

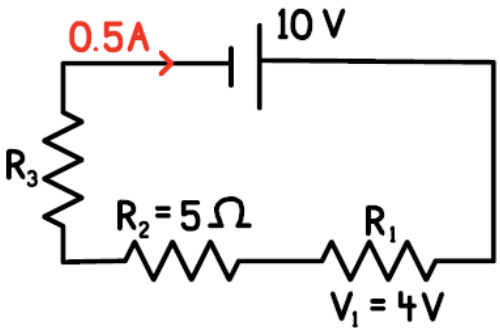
1. Build a table to organize your data.
2. Calculate Resistance (Ω) of each resistor and through the total circuit.
3. Calculate Voltage Drain (V) for each resistor and for the total circuit.
4. Calculate Current (I) into each resistor and through the total circuit.

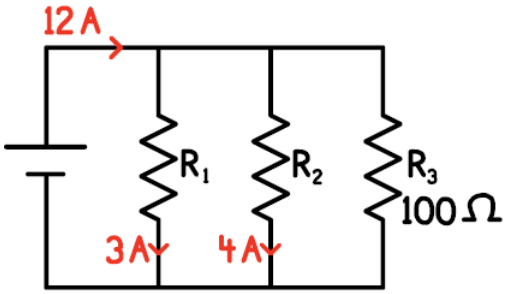
Do an Internet search for "pHET DC circuit" or go to

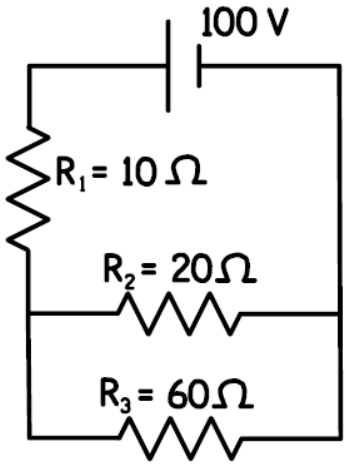
https://phet.colorado.edu/en/simulation/circuit-construction-kit-dc-virtual-lab

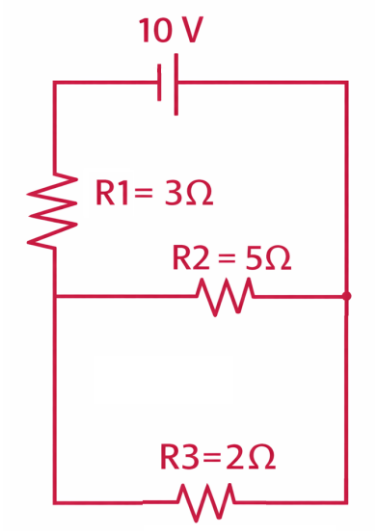
Select "Circuit Construction Kit: DC".

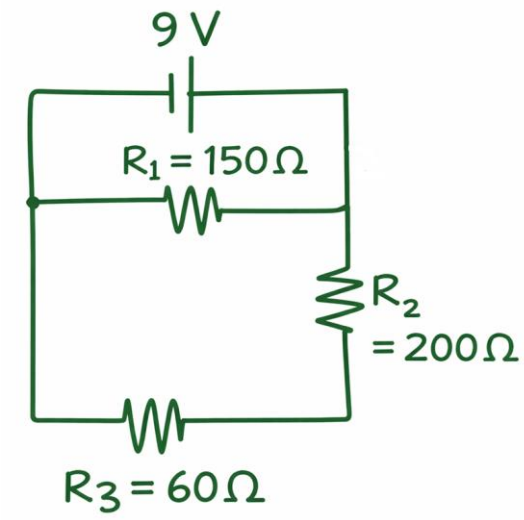
5. Build a matching digital circuit using the Circuit Construction Kit.











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