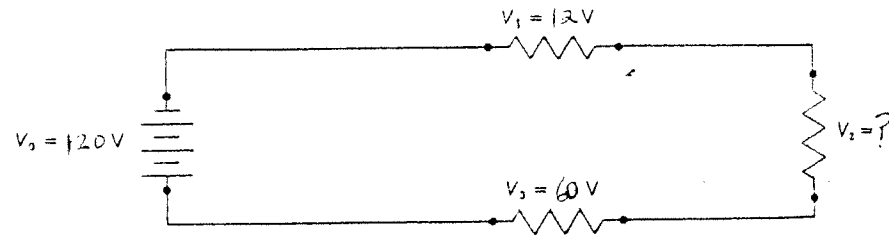
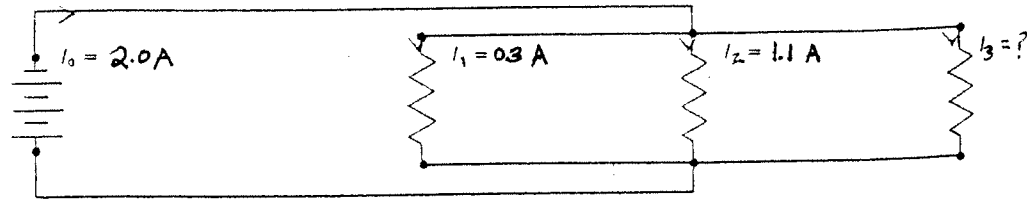


Kirchoff's Laws-Sample Problems

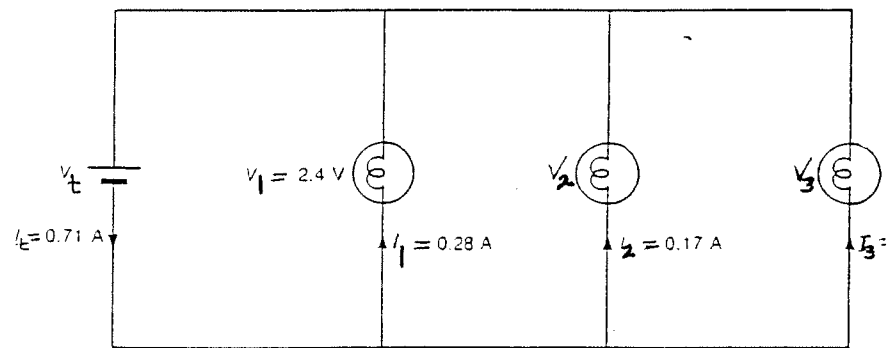
1. Calculate the potential difference, V_2 , in this circuit.



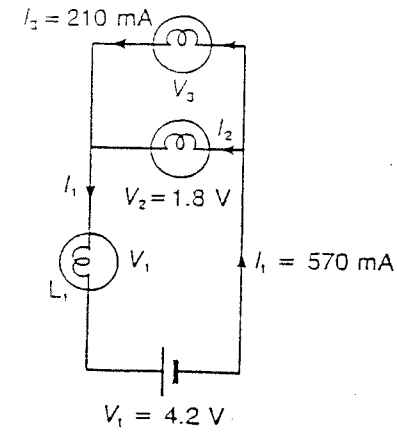
2. Calculate the electric current, I_3 , in this circuit.



3. a) Determine the unknown quantities V_t , V_2 , V_3 , and I_3 .
b) Are the three bulbs identical?



4. Determine the unknown quantities, V_1 , V_3 , I_2 , I_1 .



5. Find V_1 , V_3 , V_4 , I_1 , I_3 and I_5 in the circuit below.

