J: Arabe Circuits U:

Given & Four 1 Ohm Resisons 青田 青田 青田

Explane has to servere Figure out different was to Combine than to create:

- (A) al 4 s Resistence Equivalent resistence
- 14 Ohm Rosstor equivalent 1883 tence
- ISL Resolve (made from all 4 12 resolves) equivalent resistance

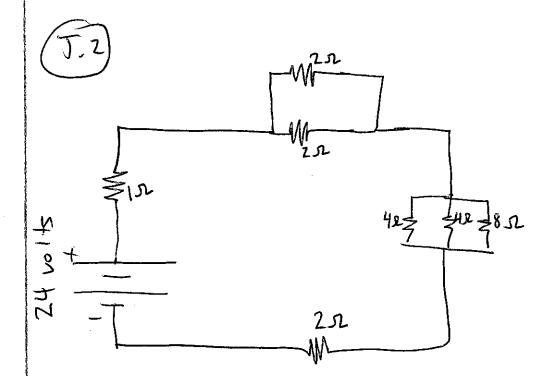
For each of the following circuit

- Determine the potential difference across each resistor, the current through each resistor, and the power emonated by each resistor.
- B) Create a graph that of electric potential for your circuit. Label the current on each bronch of the circuit.

 Lobel each resistor by indicating the resistance of that resistor and the power emanated by that resistor.

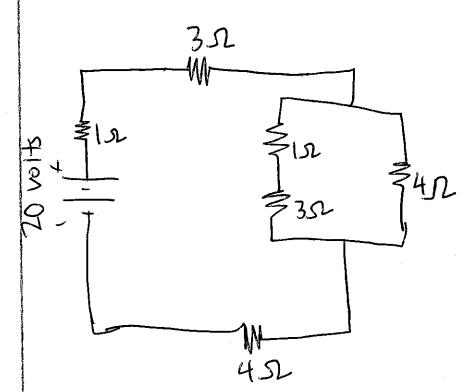
 You do not need to name each resister individually,
 - @ Pich two jurctions on your circuit. De Explain in words how each jurction follows the jurction rule property.
 - D) Pict two loops or your circuit.

 Explain in words how each loop follows the loop rule property.
- Demonstrate that your circuit follows the conservation of energy by illustrating that the sum of the power emanuted from each responsible is equal to the total power example and derived from the bettery.



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