

Name: _____
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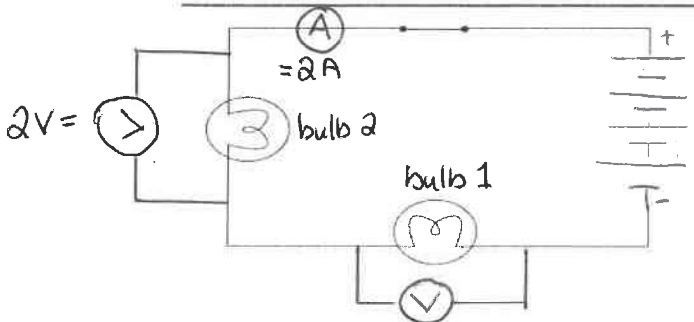
Science 9
9.1 Series and Parallel Circuits

Series Circuits: read pgs 308-310

There is only a _____ pathway for current to flow

The _____ of the voltages lost on the loads equals the _____ supplied by the battery

Current measured _____ in the series circuit will be the _____
 _____ placed in series _____ the total resistance of the circuit.



Parallel Circuits: read pgs 310 - 314

_____ pathways for current to flow, adding more pathways
 _____ resistance

Voltage remains the _____ through each pathway of the parallel circuit

Current (_____) _____ between the different current pathways so that the path with _____ resistance has the _____ current, it the re-combines at a location known as the _____.

_____ placed in parallel will _____ the total resistance of the circuit.

