Across
1. ___________ __________ states: The voltage around any closed circuit is equal to the sum of the voltage drops across the resistance.
4. A _______ _______ is a complete circuit that has more than one electrical load where all of the current has only one path to flow through all of the loads.
5. A _______ _______ is a complete circuit that has more than one path for the current.
6. The _______ _______ can be determined by using Ohm's law and calculating for voltage using the value of each resistance individually.
8. _______ _______ speeds are usually controlled by a fan switch sending current through high-, medium-, or low-resistance wire resistors.
9. Another name for a branch is a _______.
10. Another name for a branch is a _______.
11. The separate paths which split and meet at junction points are called _______ _______.
12. Another name for a series-parallel circuit is a _______ _______.
13. Another name for a series-parallel circuit is a _______ _______.
14. Because an _______ _______ needs both a power and a ground to operate, a break anywhere in a series circuit will cause the current in the circuit to stop.

Down
1. ___________ __________ states: The current flowing into any junction of an electrical circuit is equal to the current flowing out of that junction.
2. _______ _______ _______ are a combination of series and parallel segments in one complex circuit.
3. If _______ _______ _______ is needed, Ohm's law can be used to calculate it if voltage and current are known.
7. Most vehicles are equipped with a method of dimming the brightness of the _______ _______ by turning a variable resistor.