

Name: _____ Date: _____ TOC: _____

Application Questions: Set 1

1. What is resistance?
2. What is resistance measured in?
3. What are the four factors that determine the resistance of any object?
 - 1.
 - 2.
 - 3.
 - 4.
4. If there is more resistance in a circuit is there more or less current for a given voltage?
5. Do longer wires have more or less resistance?
6. Does a longer wire have more or less current than a shorter wire, if the voltage is the same in both wires?
7. What is the path of least resistance?
8. Why does a bird not get hurt when sitting on un-insulated electric wire?

Objective: