

Name: _____ Date: _____ TOC: _____

Review Questions Set #1

1. What happens when an electric current is produced?
2. Explain why electric current cannot exist if an electric circuit is broken.
3. If a copper wire in a working electric circuit is replaced by a piece of rubber tubing, will there be a current in the circuit? _____ Explain.
4. What are two examples of voltage sources?
5. How does voltage cause charges to flow in a circuit?
6. The electrical potential energy at one point in a circuit is greater than the electrical potential energy at another point. Will there be a current between the two points? _____ Explain.
7. What are four factors that determine resistance?

Objective: