

Name _____

Electric Circuits Pre – Post Quiz

Directions: Carefully read each question. Circle the correct answer.

1. Which part of the atom is important in electricity?
 - A. Proton
 - B. Neutron
 - C. Electron
2. Materials that allow electricity to flow easily.
 - A. Conductors
 - B. Insulators
3. Materials that resist the flow of electricity.
 - A. Conductors
 - B. Insulators
4. Which of these materials will let electricity flow through it?
 - A. Plastic spoon
 - B. Aluminum foil
 - C. Paper
 - D. Glass
5. What is the path electricity travels along?
 - A. Fuse
 - B. Relay
 - C. Insulator
 - D. Circuit
6. A light is on in the kitchen. The circuit is _____.
 - A. Open
 - B. Closed
 - C. Cold
 - D. Double
7. Which of the following would STOP the flow of electrons?
 - A. Metal
 - B. Water
 - C. Conductor
 - D. Insulator

8. Electrical energy can be transformed into _____.
- A. Light
 - B. Sound
 - C. Motion
 - D. All of the Above

Short Answer

9. Explain why it is dangerous to wade in a pool during a thunderstorm with lightning.

10. What is one thing you can do to use electricity safely?