

Current Electricity Review

BibleMouse.com

Understanding the Flow of Charges

Name: _____

Date: _____

Answer the following questions based on what you learned about current electricity.

1. What are the tiny particles that move to create electricity?

- A. Protons
- B. Neutrons
- C. Electrons

2. Current electricity is like water flowing through a ____

3. How is a battery similar to a pump for electrical charges?

4. Electrons are the only particles that can flow to create electricity.

- True False

5. What does God help to hold together in the universe?

- A. Energy
- B. Time
- C. Space

6. Electrons move because of a difference in ____

7. In what way can you compare electrons flowing in a circuit to water in a river?

8. Batteries do not create a path for electrons to flow.

- True False

9. What scripture reminds us that God holds all things together?

- A. Genesis 1:1
- B. Colossians 1:17
- C. John 3:16

10. Current electricity involves the continuous flow of electrical ____ through a conductive path.

Answer Key

1. Electrons 2. pipe 3. A battery provides energy to push the electrons through the circuit, just like a pump moves water. 4. False 5. Energy 6. energy 7. Both flow in a continuous path and can be directed to where they are needed. 8. False 9. Colossians 1:17 10. charges