

# Electricity and Circuits Review

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## Understanding the Basics of Electricity

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Answer the following questions based on the lesson about electricity and circuits.

1. What are the basic components of an electrical circuit?

- A. Power source, conductor, load
- B. Battery, wire, switch
- C. Light bulb, magnet, battery

2. In a series circuit, the components are connected in a \_\_\_\_.

3. God designed electricity to flow in complex ways.

- True       False

4. How does understanding electrical circuits help us recognize God's design?

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5. What is a parallel circuit?

- A. A circuit with a single path
- B. A circuit with multiple paths
- C. A circuit that does not work

6. Safety is important when working with electricity to prevent \_\_\_\_ and injuries.

7. Circuits can only be constructed using batteries as a power source.

- True       False

8. Describe one thing you learned about electricity this year.

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9. What does Proverbs 2:6 teach us about wisdom?

- A. Wisdom comes from God
- B. Wisdom is not important
- C. Wisdom is found in nature

10. Electricity is a way that God designed energy to flow and connect, just like how He connects us to His \_\_\_\_.

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### Answer Key

1. Power source, conductor, load   2. single path   3. True   4. Understanding circuits shows us how everything is connected, just like God's wisdom connects us to knowledge.   5. A circuit with multiple paths   6. shock   7. False   8. I learned how to build a simple circuit and how electricity flows through different materials.   9. Wisdom comes from God   10. wisdom