

# Electricity Basics Review

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## Understanding Series and Parallel Circuits

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

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

Answer the questions below based on what you learned about circuits.

1. What is a series circuit like?

- A. Cars on a single road
- B. Cars on multiple highways
- C. A train with many cars

2. In a parallel circuit, electricity can flow through \_\_\_\_ paths.

3. What happens to the lights in a series circuit if one bulb breaks?

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4. Match the circuit type to its description.

Series Circuit

One continuous path

Parallel Circuit

Multiple paths

5. Which type of circuit allows electricity to flow more reliably when a bulb breaks?

- A. Series circuit
- B. Parallel circuit
- C. Neither

6. Wisdom helps us build and understand the \_\_\_\_ around us.

7. Why is it important to understand how electrical systems work?

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8. Which circuit design might make bulbs shine brighter?

- A. Series circuit
- B. Parallel circuit
- C. Both shine equally

9. Match the following concepts to their related ideas.

Series Circuit

One path

Parallel Circuit

Multiple paths

10. Knowledge fills our rooms with \_\_\_\_ and pleasant riches.

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### Answer Key

1. 0 2. multiple 3. The other bulbs will go out too because the electricity stops flowing. 4. 0,1 5. 1 6. world 7. Understanding helps us use electricity safely and effectively. 8. 1 9. 1,0 10. precious