



# Electricity and Circuits

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

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

Grade: Grade 4

## Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence:

A light switch works by keeping the circuit closed at all times so the light stays on.

Rewrite: \_\_\_\_\_

2. Fix the sentence:

Wood and metal are both good conductors of electricity used in building circuits.

Rewrite: \_\_\_\_\_

3. Fix the sentence:

Electricity flows through a circuit in both directions at the same time like water in a lake.

Rewrite: \_\_\_\_\_

## Part B: Fill in the Blank

Write the missing word or number on each line.

1. A \_\_\_\_\_ is used to open and close a circuit.
2. Copper is used in wires because it is an excellent \_\_\_\_\_.
3. Plastic coating on wires is an \_\_\_\_\_ that keeps people safe.
4. The flow of electricity through a wire is called electric \_\_\_\_\_.

## Part C: Short Answer

Answer each question in one or two complete sentences.

1. Name three materials that are good conductors and three that are good insulators.

\_\_\_\_\_  
\_\_\_\_\_

2. Explain why a flashlight stops working when you remove one battery.

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1. Fix the sentence:

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Electricity flows through a circuit in both directions at the same time like water in a lake.

Rewrite: \_\_\_\_\_

**Part B: Fill in the Blank**

Write the missing word or number on each line.

- 1. A switch is used to open and close a circuit.
- 2. Copper is used in wires because it is an excellent conductor.
- 3. Plastic coating on wires is an insulator that keeps people safe.
- 4. The flow of electricity through a wire is called electric current.

**Part C: Short Answer**

Answer each question in one or two complete sentences.

1. Name three materials that are good conductors and three that are good insulators.

\_\_\_\_\_  
\_\_\_\_\_

2. Explain why a flashlight stops working when you remove one battery.

\_\_\_\_\_