



# 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 closed circuit has a gap so electricity cannot flow through the wires.

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

2. Fix the sentence:

Rubber is a good conductor of electricity, which is why wires are coated in rubber.

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

3. Fix the sentence: A battery pushes electricity through a circuit using magnetism.

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

## Part B: Fill in the Blank

Write the missing word or number on each line.

1. A material that allows electricity to flow through it is called a \_\_\_\_\_ .
2. A material that blocks the flow of electricity is called an \_\_\_\_\_ .
3. A complete path that electricity follows is called a \_\_\_\_\_ .
4. A \_\_\_\_\_ provides the energy that pushes electricity through a circuit.

## Part C: Short Answer

Answer each question in one or two complete sentences.

1. What is the difference between an open circuit and a closed circuit?

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

2. Why should you never touch electrical outlets or frayed wires with wet hands?

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

**Part A: Fix the Sentence**

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

1. Fix the sentence: A closed circuit has a gap so electricity cannot flow through the wires.

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

2. Fix the sentence:

Rubber is a good conductor of electricity, which is why wires are coated in rubber.

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

3. Fix the sentence: A battery pushes electricity through a circuit using magnetism.

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

**Part B: Fill in the Blank**

Write the missing word or number on each line.

1. A material that allows electricity to flow through it is called a conductor .
2. A material that blocks the flow of electricity is called an insulator .
3. A complete path that electricity follows is called a circuit .
4. A battery provides the energy that pushes electricity through a circuit.

**Part C: Short Answer**

Answer each question in one or two complete sentences.

1. What is the difference between an open circuit and a closed circuit?

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

2. Why should you never touch electrical outlets or frayed wires with wet hands?

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