

1. Read the text and do the tasks.

Electric Circuit

This is a circuit. Its elements are a voltage source, a resistor and a conductor. The circuit consists of a voltage source, a resistor and a conductor. A voltage source supplies current. A resistor reduces current. A conductor connects the elements of the circuit.

Compare circuit **a** with circuit **b**.

What is the difference between them?

Current passes through circuit **a** while no current passes through circuit **b**. Circuit **b** has an open. No current through circuit **b** results from an open. An open and a short are troubles in a circuit. A trouble in a circuit may result in no current in it.

1. Choose the correct variant.

Circuit **a** consists of ...

- a) resistors and conductors
- b) a voltage source and resistors
- c) a voltage source, a resistor and a conductor

2. Choose the correct variant.

A voltage source...

- a) conducts current
- b) reduces current
- c) supplies current

3. Choose the correct variant.

A conductor...

- a) conducts current
- b) supplies voltage
- c) connects the elements

4. Choose the correct variant.

A resistor...

- a) connects the elements
- b) supplies current
- c) reduces current

5. Answer the question. Write a sentence.

When is there no current in the circuit?

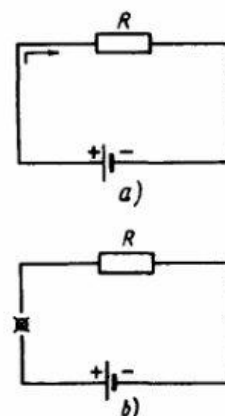


Fig. 1

6. *Answer the question. Write a sentence.*

What is the function of the conductor?

2. Do grammar exercises. Participle I or Participle II.

1. *Choose the correct variant.*

Pictures painting / painted by Picasso sell for millions of pounds.

2. *Choose the correct variant.*

My sister works in a bakery making / made cakes.

2. *Open the brackets.*

The Harry Potter books (to write) by JK Rowling, have all been made into films.

4. *Open the brackets.*

This is a vegetarian restaurant. None of the dishes (to serve) here contain meat or fish.