

Electricity and magnetism

1

The electric force between objects that are not in motion are called

a- Series electricity

c- Static electricity

b- Electric current

d- Electric force

2

When an object gains electrons, it acquires

a- A positive charge

c- No charge

b- A negative charge

d- It stays the same

3

A poor electrical conductor that is used to coat wires is called.

a- A coating

c- No charge

b- A conductor

d- An insulator

4

The two ends of a magnet are called

a- Poles

c- Fields

b- Electrodes

d- Protons

5

Which of the following is used to interrupt the flow of a current?

a- A switch

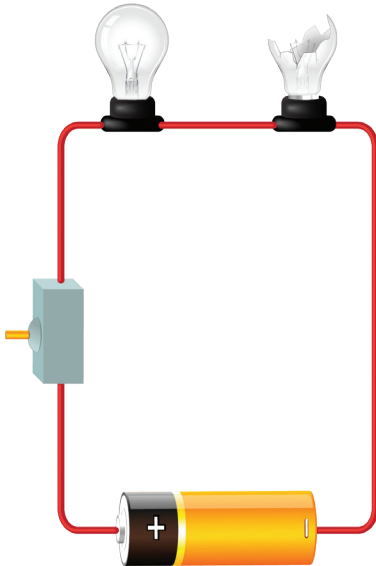
c- A wire

b- An electric motor

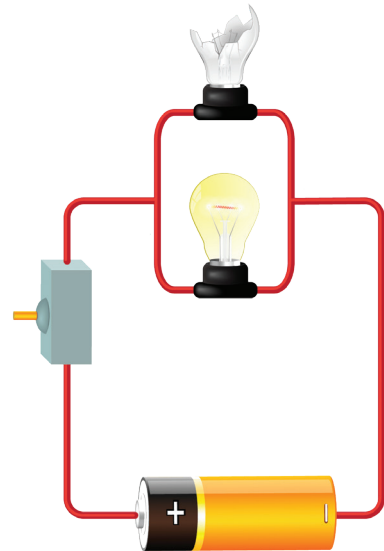
d- Iron filings

Electrical circuits

1- Name the circuits.



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2 Name the components of a circuit.

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3 What is the purpose of a battery in a circuit?

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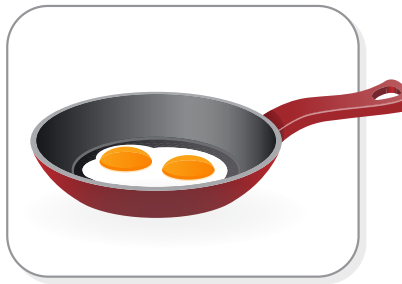
4 Draw the symbols for a switch, bulb and battery.

Electrical conductors and insulators

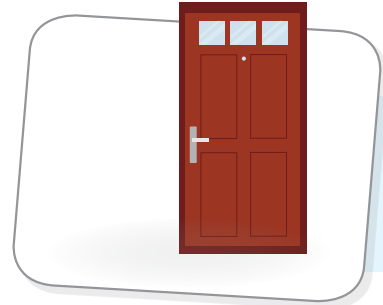
Classify the objects below as conductors or insulators.



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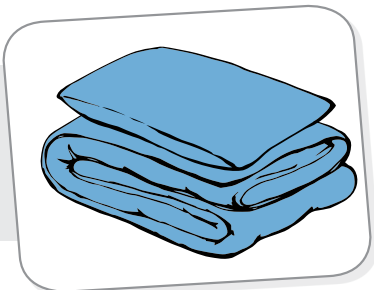
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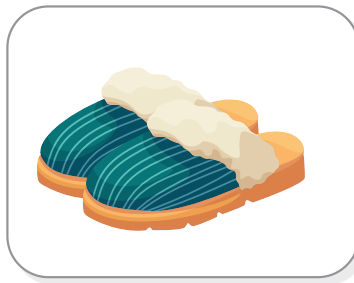
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