

1 Choose the correct words to complete the sentences.

a When we switch on a light, we are relying on the power of _____ (heat / light / electricity).

b Electricity was put into practice in the _____ (17th / 18th / 19th) century.

c Alexander Graham _____ (Bell / Bar / Marconi) invented the telephone.

d The Turing machine was an early _____ (telephone / television / computer).

2 Classify the following materials and objects.

A ruler	Porcelain
A fork	A tree
Copper	Water
Silver	Plastic
Glass	Rubber

3 Answer the questions about Thomas Edison. Circle the correct answer.

1. Where was he born?

a in the USA b in the UK

2. What field did he study in?

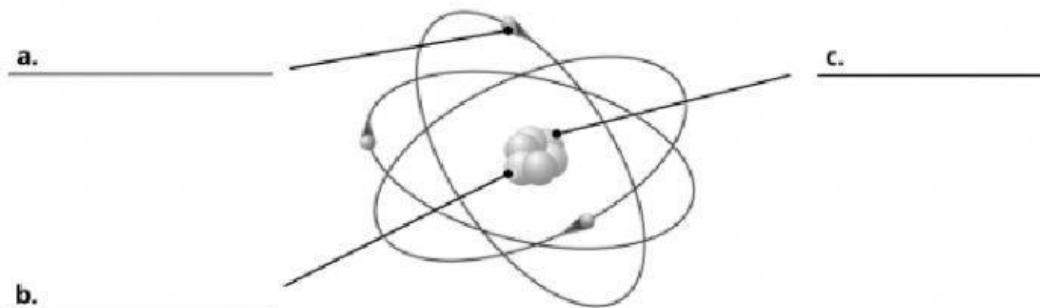
a nuclear physics b electrical engineering

3. Which of these did he invent?

a the light bulb b the telephone

4. When did he die?

a in 1991 b in 1931

4 Label the parts of the atom.**5** Match the words to the definitions.

a. atoms

1. have a positive charge

b. protons

2. are made up of protons and neutrons inside a nucleus

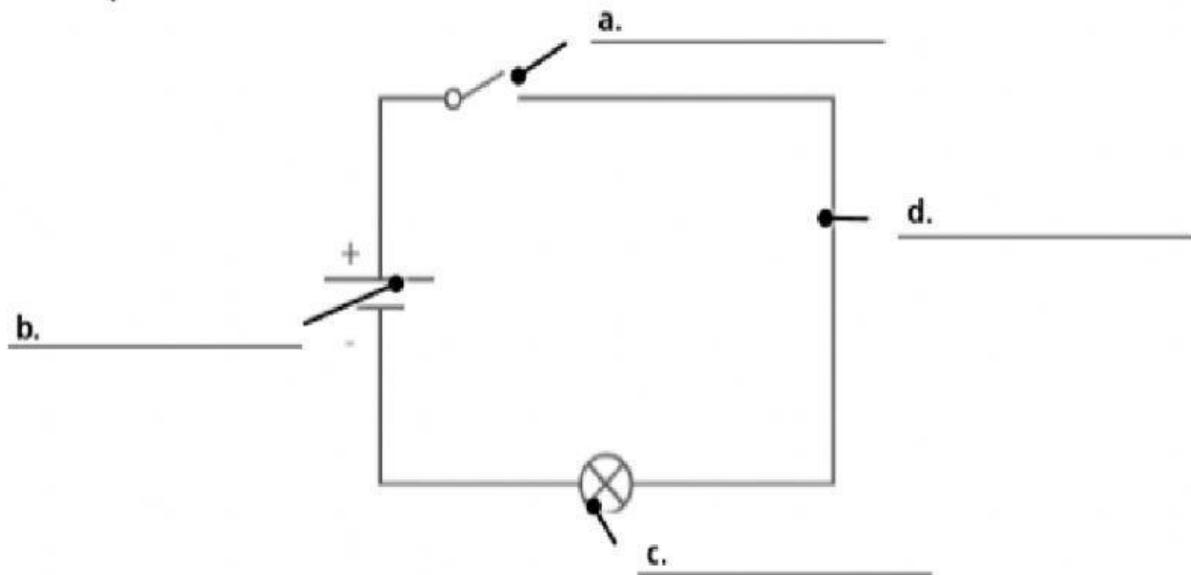
c. electrons

3. have a negative charge

d. neutrons

4. have no charge

6 Label the parts of the electrical circuit.



7 Circle the correct words to complete the sentences.

- Ⓐ In 1800 / 1700, Alessandro Volta invented the *battery* / *light bulb*.
- Ⓑ In 1879 / 1859, Thomas Edison invented the *incandescent light bulb* / *telephone*.
- Ⓒ The theory of electromagnetic *insulation* / *induction* was developed by *Michael* / *John* Faraday.
- Ⓓ The *wireless telegraph* / *refrigerator* was invented in 1886 / 1894.

8) Order the events:

ELECTRICAL BATTERY

AIR CONDITIONING

TELEPHONE

AUTOMATIC DISHWASHER

INCANDESCENT LIGHT BULB

MOBILE PHONE

WIRELESS TELEGRAPH

MODERN COMPUTER

ELECTROMAGNETIC INDUCTION

REFRIGERATOR

MECHANICAL TELEVISION

HOME SECURITY SYSTEM

1



7



2



8



3



9



4



10



5



11



6



12



9) Static or current electricity?

