

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

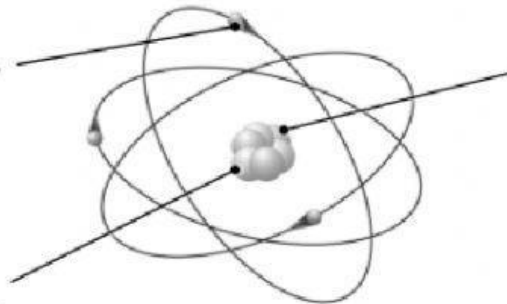
4. When did he die?

☐ a in 1991☐ b in 1931**4** Label the parts of the atom.

a. _____

c. _____

b. _____

**5** Match the words to the definitions.

a. atoms

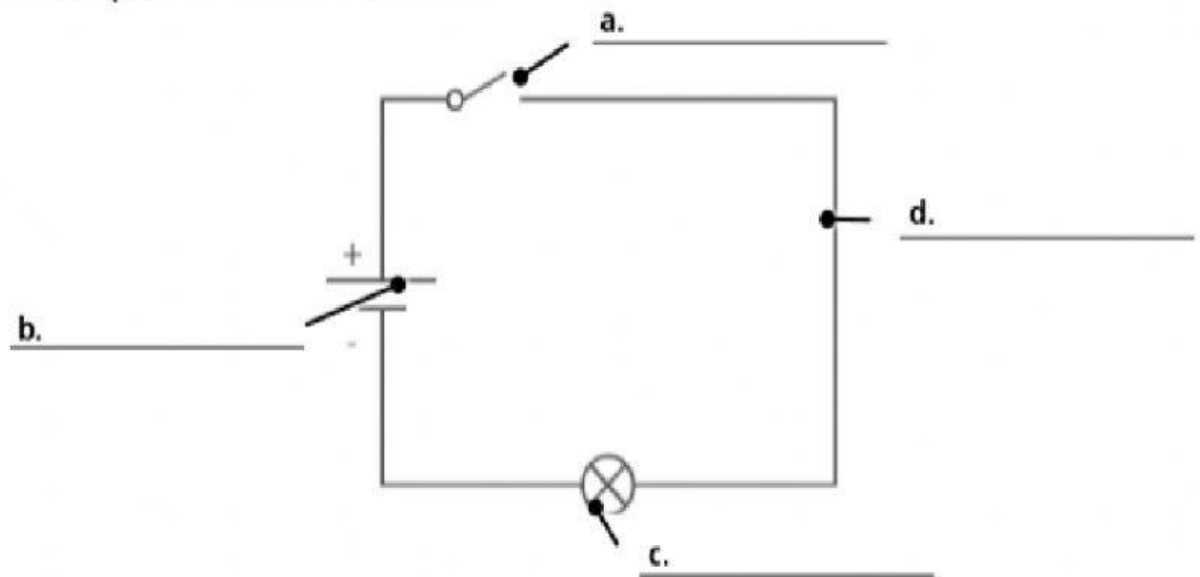
b. protons

c. electrons

d. neutrons

☐ 1. have a positive charge☐ 2. are made up of protons and neutrons inside a nucleus☐ 3. have a negative charge☐ 4. have no charge

6 Label the parts of the electrical circuit.



7 Circle the correct words to complete the sentences.

- a** In 1800 / 1700, Alessandro Volta invented the *battery* / *light bulb*.
- b** In 1879 / 1859, Thomas Edison invented the *incandescent light bulb* / *telephone*.
- c** The theory of electromagnetic *insulation* / *induction* was developed by *Michael* / *John* Faraday.
- d** 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?

