

Name and surname:

Class:

1

Read the sentences about energy. Match.

- | | |
|---|-------------------|
| a. This energy flows from warmer substances to cooler substances. | |
| b. It comes from different sources and can be transformed into light, sound, heat and movement. | |
| c. This is released when a chemical reaction occurs. | light energy |
| d. It comes from the sun or human-made objects. | sound energy |
| e. It can be heard, for example as music on a radio. | thermal energy |
| f. The Sun is the main source of this energy on Earth. | chemical energy |
| g. Batteries and petrol burnt in cars are sources of this energy. | electrical energy |
| h. Lightning is an example of this type of energy. | |
| i. It is the fastest type of energy. | |
| j. This is a vibration which travels in the form of waves. | |

2

Complete the sentences about renewable energy sources. Use the words below.

Wind Biomass Geothermal Hydraulic Solar

- a. _____ energy is produced by water stored in dams.
- b. _____ energy is produced by burning organic materials.
- c. _____ energy is produced by wind turbines.
- d. _____ energy is captured by panels.
- e. _____ energy comes from within the Earth.

Read the sentences about non-renewable energy sources. Write *true* or *false*.

- a. Uranium is a non-renewable energy source. _____
- b. Coal is a sedimentary rock burnt in thermal power plants. _____
- c. Crude oil is used for cooking. _____
- d. Fossil fuels include coal, uranium and oil. _____
- e. Uranium is used in nuclear power plants to produce steam. _____
- f. Natural gas is mainly made up of methane gas. _____

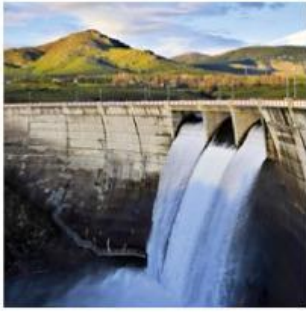
Look at the photos and write the types of energy.



a. _____



b. _____



c. _____



d. _____



e. _____

5

Match the advances in technology and innovations in the use of energy to the times in history.

a. development of engines for vehicles powered by petrol

b. first nuclear power plant to create electricity

Stone Age

c. use of the power of water and wind

Ancient History

d. use of coal and steam to power machinery

1700s

e. discovery of fire

1800s

f. development of alternative cleaner energy sources

1900s

g. discovery of electricity