

Name and surname:

Class:

1

Read the sentences about energy. Match.

- a. This energy flows from warmer substances to cooler substances. light energy
- b. It comes from different sources and can be transformed into light, sound, heat and movement. sound energy
- c. This is released when a chemical reaction occurs. thermal energy
- d. It comes from the sun or human-made objects. chemical energy
- e. It can be heard, for example as music on a radio. electrical 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. electrical energy
- i. It is the fastest type of energy. electrical energy
- j. This is a vibration which travels in the form of waves. sound energy

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. _____

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