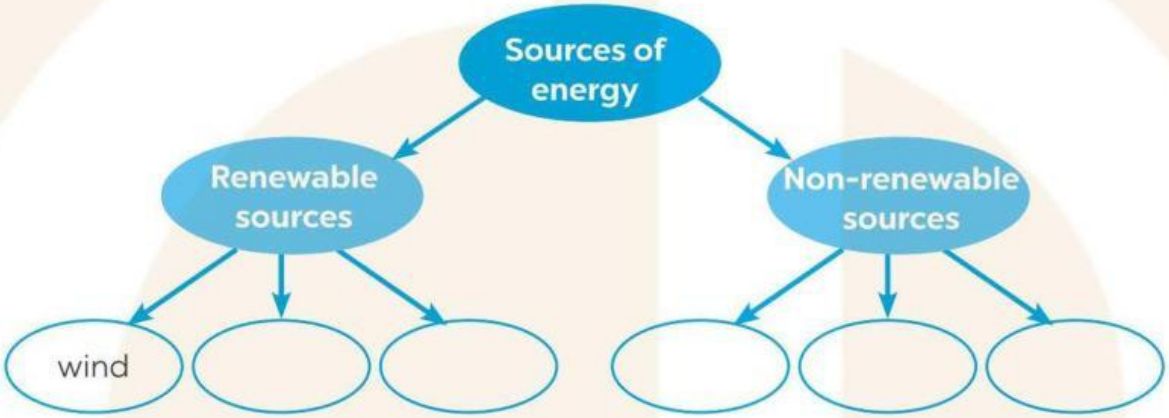
3 **Complete the chart. Then ask and answer the questions about advantages and disadvantages of renewable and non-renewable sources.**



Example:

A: What type of source is solar energy?
B: It's a renewable source.
A: What are its advantages?
B: It's available and clean to use.
A: What are its disadvantages?
B: It doesn't work on cloudy days or at night.

A: What type of source is coal?
B: It's a non-renewable source.
A: What are its advantages?
B: It's rather cheap and we can find it in lots of places.
A: What are its disadvantages?
B: When we burn coal, it causes pollution.

D Reading

1 **Read the passage and choose the best option (A, B, or C) to complete each sentence.**

We can use renewable and non-renewable energy sources to make electricity.

Most of our electricity comes from power stations that use fossil fuels like coal, oil and gas. We call them non-renewable sources because they will eventually run out. Unfortunately, burning fossil fuels produces lots of greenhouse gases which cause global warming.

We also use renewable energy sources like the sun, wind and water to make electricity. We can use them again and again because they cannot run out. They do not produce greenhouse gases so they are much less harmful to the environment.





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1. Power stations use fossil fuels like _____ to produce electricity.
   A. coal, oil and gas **B.** coal and gas **C.** oil and gas

2. Burning fossil fuels produces _____ which cause global warming.
   A. greenhouse gases **B.** carbon dioxide **C.** methane

3. We can use the _____ to make electricity.
   A. sun and water **B.** sun and wind **C.** sun, wind and water

4. The renewable sources can be used again and again because they _____.
   A. can run out **B.** cannot run out **C.** should run out

5. Renewable sources are _____ harmful to the environment.
   A. much more **B.** much less **C.** not less

2 Read the passage and complete the table.

Our environment is in trouble. People and industries are polluting the air, rivers, lakes and seas. There are many things you can do to help the environment. Here are a few.

Cars: The burning of petroleum is one of the biggest sources of carbon monoxide (CO) that causes global warming. CO thins the ozone layer, which protects us from the sunrays. So try walking, bicycling or using public transportation.

Energy: The biggest use of home energy is for heating and cooling homes. It costs a lot of money. So don't use air-conditioners too often, especially at night. Replace regular light bulbs with low energy light bulbs, which use less energy.

Water: Showers use a lot of water. Buying a special "low-flow" shower head or taking shorter showers can cut this use in half.

	Problems	Solutions
Cars		
Energy		
Water		

3 Complete the passage with appropriate phrases in the box.

a. causing climate change
b. walk or cycle
c. low energy light bulbs
d. powering our appliances
e. turn off the lights

We use energy for almost everything we do: for heating our homes, cooking our meals and (1) _____. The use of energy is (2) _____ worldwide. It is responsible for many recent floods, droughts and storms.

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What should we do to avoid these problems? Firstly, we should (3) _____ before going to bed or when going out. Secondly, we should use (4) _____ at home. Thirdly, we should (5) _____ to school. In conclusion, we should use energy more wisely for our future.

E Writing

1 Write the answers to the questions.

1. How much electricity do you use at home in a month?

_____

2. How much do you pay for electricity a month?

_____

3. What kind of electrical appliances do you use at home?

_____

4. Do you turn off the lights before leaving a room?

_____

5. What else can you do to save electricity?

_____

2 Make advice or suggestions, using the words and phrases below to help you. You can add necessary words.

1. Governments should do many things / the problems / energy shortage and pollution.

_____

2. They should / encourage people / use public transportation.

_____

3. They / increase the tax / petrol.

_____

4. They should / reduce the use / fossil fuels / coal, natural gas and oil.

_____

5. They / should use / renewable energy sources / the sun, wind and water.

_____

6. They / look for / new renewable energy sources / our future and the future of the planet.

_____

LIVEWORKSHEETS