

## Chapter 9: The Atmosphere and the Water Cycle

### Lessons A,B: The Atmosphere , Water Cycle (9.1)

Name : \_\_\_\_\_

Date : \_\_\_\_\_

1. The Earth's atmosphere is a layer of air.

It is made up of gases in different amounts.

Which of these gases is found in the least amount in the air?

Circle the correct answer.

carbon dioxide

nitrogen

oxygen

2. Why is the atmosphere important for the survival of living things on the Earth? Tick (✓) the two correct answers.

	It keeps the Earth warm.
	It protects the living things from all of the Sun's rays.
	It protects the living things from the Sun's harmful rays.

3. What is the role of heat from the Sun in the water cycle?

Complete the sentence. Choose from the following words.

condense

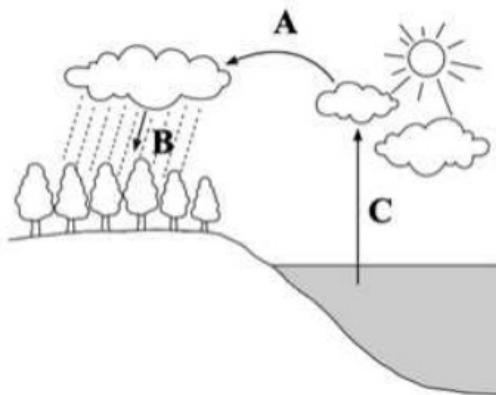
boil

evaporate

Heat from the Sun causes the water in water bodies and the ground

to \_\_\_\_\_.

4. The diagram shows the water cycle.



a. In which part of the water cycle does the water gain heat?

Circle the correct letter.

A

B

C

b. Jamie says that the water found on the Earth today could be the same as the water that existed hundreds of years ago.

Is she correct? Explain.

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## Lesson C: Water on Earth (9.2)

Name : \_\_\_\_\_

Date : \_\_\_\_\_

1. Water moves through the water cycle in different processes.

Tick (✓) the correct box beside each statement.

statement	true	false
Condensation is part of the water cycle.		
The process of water changing into a gas is called precipitation.		
Water falls back to the ground in a process called evaporation.		

2. Draw a line to match each term with the correct meaning.

term	meaning
precipitation	water in the gaseous state
pure water	water that falls from the clouds onto the Earth
water vapour	water that does not contain any other substances

3. Jason saw a puddle of water on his way to school in the morning.

In the afternoon, he noticed that the puddle was gone.

a. What happened to the puddle of water? Circle the correct answer.

it condensed      it evaporated      it precipitated

b. Complete the diagram of the water cycle. Use the following words.

clouds	water in water bodies and the ground
rain or snow	water vapour in the air

