



Name:

Class:

Mark:/20 =

END OF UNIT 3 TEST

1 Which of these statements are true and which are false?

Tick (✓) the correct box for each statement.

Statement	True	False
a All liquids have their own boiling point.		
b Particles that condense have lots of energy.		
c When water boils, it becomes a gas.		
d The particles of a gas move slower than the particles of a liquid.		
e Condensation is the opposite process to evaporation.		

2 Name the two parts of a solution.

- a
- b

3 Write the correct word to complete the sentences.

- a Substances that dissolve in water are
- b Substances that do not dissolve in water are

4 Choose the correct answer to each of the following questions.

Draw a circle around the letter of the correct answer.

- a What happens when we heat water?
- A the particles expand
- B the particles move faster
- C the particles expand and move faster

b When water in a kettle boils, steam is formed. What does steam contain?

- A water as a gas
- B water as a liquid
- C water as a liquid and a gas

c Where does the energy for the water cycle come from?

- A water
- B plants
- C the Sun

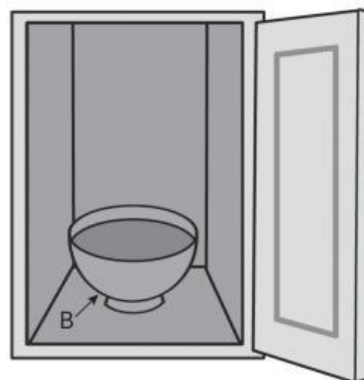
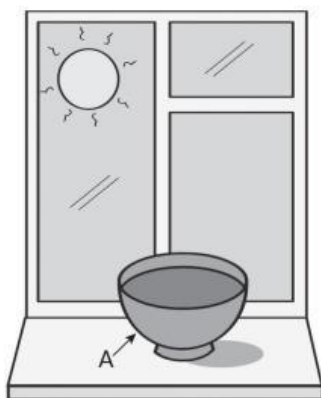
d In the water cycle, which process makes clouds form?

- A evaporation
- B condensation
- C freezing

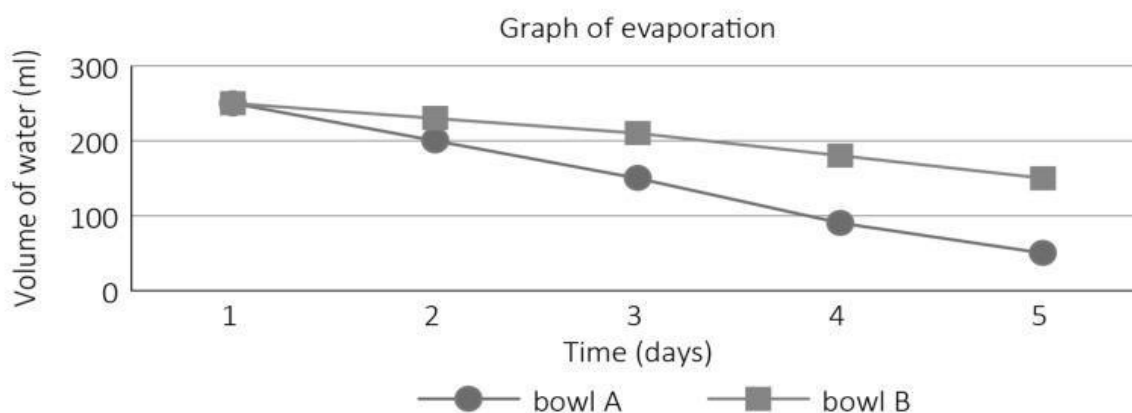
e How can we separate sugar from a solution?

- A by evaporation
- B by filtering
- C by cooling

5 Class 4 investigated evaporation of water. They placed one bowl of water in a warm place (bowl A) and another bowl of water in a cool place (bowl B).



The learners measured the amount of water in each bowl every day for five days. They drew this graph.



a Fill in the words to describe the change of state when a substance evaporates.

_____ → _____

b In which bowl did most evaporation take place? _____

c Use data from the graph to say how you know the answer to question b.

d Name the dependent variable in the investigation. _____

e Name the independent variable in the investigation. _____

THE END