

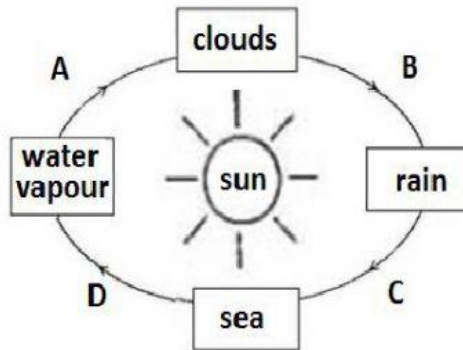


|         |  |
|---------|--|
| Name :  |  |
| Grade : |  |
| Date :  |  |

*Bismillahirrahmaanirrahim*

Answer these question!

1. Observe the process happening in the picture.



- a. What do you call the process above?

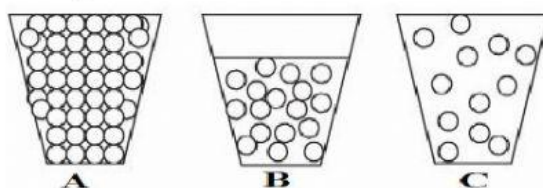
.....

- b. In which stage does each of the steps below occur in the process above?

Write your answer with the letters A, B, C, or D.

- A. As the water vapour collect more, the clouds become [.....] bigger.
- B. Heat from the sun turns water on Earth into water [.....] vapours.
- C. When the air cannot hold the water droplets, they fall as [.....] rain.
- D. The water vapours, then, rise into the sky. [.....]
- E. Water vapours cool down an turn into water droplets. [.....]
- F. All the water finally end up in oceans and the cycle [.....] starts again.
- G. The earth receives the falling water in ground, river, and [.....] lakes.
- H. The water droplets collect in the sky in the form of [.....] clouds.

2. Look at the picture.



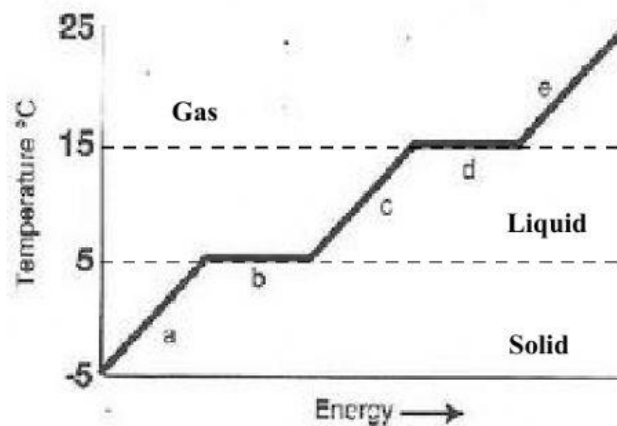
The particles of gas is shown by letter ... .

3. Look at the picture.



The bubbles soap is the example of ... matter.

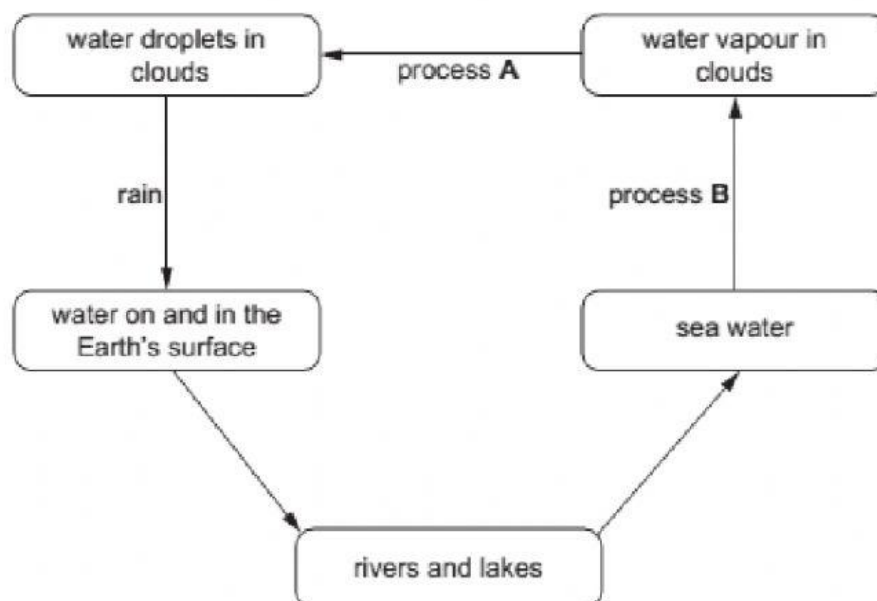
4. Look at the picture.



Answer the following question using the chart above.

- a. The freezing point of the substance is ... .
- b. The boiling point of the substance is ... .
- c. The melting point of the substance is ... .
- d. The letter represents the range where the solid is being warmed is shown by ... .
- e. The letter represents the range where the liquid is being warmed is shown by ... .

5. The diagram shows a simple water cycle.



(a) What is the name of process A?

.....

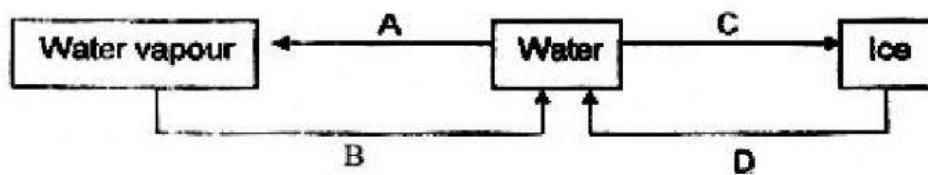
(b) What is the name of process B?

.....

6. Different words can be used to describe changes in water. Draw a line from the **words** to the correct **sentence**.

|               |                                                         |
|---------------|---------------------------------------------------------|
| Condensation  | This is when ice changes to water                       |
| Evaporation   | This is above 100°C in salty water                      |
| Boiling point | This happens in puddles of water on a hot day           |
| Melting       | This is happens on the outside of a glass of cold water |

7. The diagram below shows how water changes from one state to another.



Use this word to answer questions.

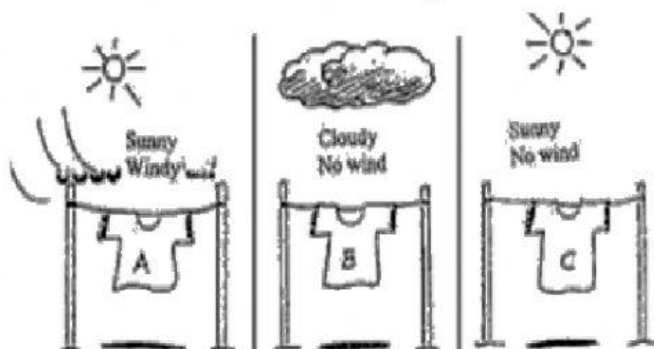
|         |          |              |             |
|---------|----------|--------------|-------------|
| Melting | Freezing | Condensation | Evaporation |
|---------|----------|--------------|-------------|

What are the processes that are represented by the arrows A, B, C and D?

✓ Process A ..... ✓ Process C .....

✓ Process B ..... ✓ Process D .....

8. The same amount of water is poured over three similar T-shirts.  
The shirts are then left to dry in the open under different conditions.  
These conditions are shown in the diagrams below.



Starting with the T-shirt that will take longest to dry, arrange the three T-shirts in order of their rate of drying. (Write the letters A, B, or C)



9. Each factor below affects the rate of evaporation. It can make the rate of evaporation goes slower or faster. Fill the blanks using ‘**slower**’ and ‘**faster**’.

a. Temperature

✓ The hotter the surrounding, water can evaporate ... .

b. Wind

✓ The stronger the wind, water can evaporate ... .

c. Exposed surface area

✓ The smaller the exposed surface area, water can evaporate ... .

10. The table shows the boiling points of some liquids.

| Liquid | Boiling point in °C |
|--------|---------------------|
| A      | 105                 |
| B      | 78                  |
| C      | 100                 |
| D      | 96                  |
| E      | 1.064               |

a) Which liquid has the **lowest** boiling point?

.....

b) Which liquid is pure water?

.....

*Alhamdulillah*  
*I can do my test*