

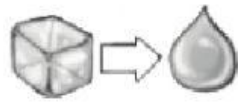
## CHANGES OF STATE

Water **temperature increases**.



evaporation vapour.

**EVAPORATION** (Liquid to gas): When **liquid** water is **heated**, it **changes** from a liquid state to a **gas** state. This gas is called **water**



melting

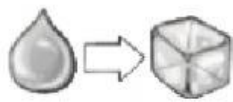
**MELTING** (Solid to liquid): Ice is water in a **solid** state. When it **heats up**, it **changes** back into a **liquid** state.

Water **temperature decreases**.



condensation

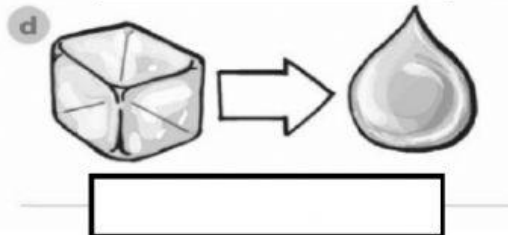
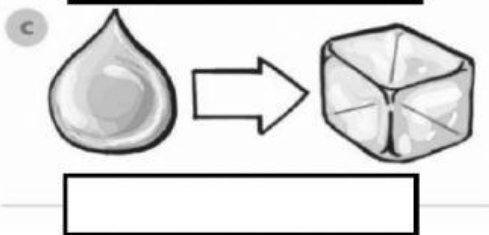
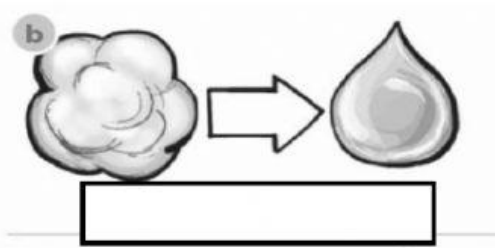
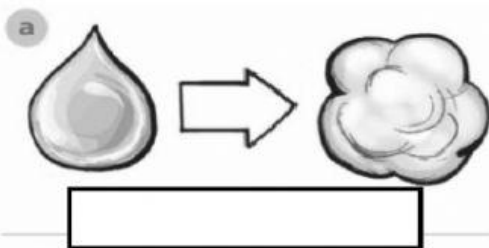
**CONDENSATION** (gas to liquid): When **water vapour cools**, it **changes** back into a **liquid** state.



freezing

**FREEZING** (liquid to solid): When **liquid** water is **cooled** to a very low temperature, it **changes** into **ice**, which is water in a **solid** state.

Drag and drop the red arrow for heating and blue arrow for cooling. Then write the correct change of state: **evaporation**, **condensation**, **freezing** and **melting**.



# States of Water



**ice**



**water**



**water vapour**

Use the words ice, water and water vapour to complete the table below:

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

WATER  
VAPOUR

WATER

WATER

ICE

ICE

WATER

WATER  
VAPOUR

WATER