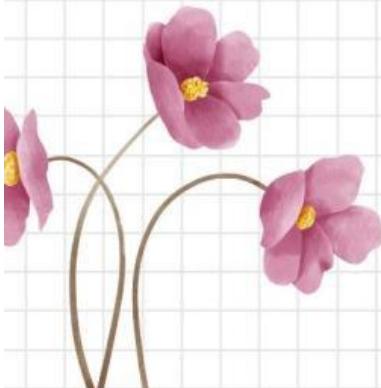


True/False Questions 1

WRITE T or F

- Condensation happens when gas particles gain heat and move faster. (....)
- Water vapour cools and forms clouds in the water cycle. (....)
- Evaporation and condensation are the two main processes in the water cycle. (....)
- Steam is the same as liquid water. (....)
- Water boils at exactly 100 °C everywhere on Earth. (....)
- At higher altitudes, water boils at a lower temperature than 100 °C. (....)
- When water boils, particles move faster and further apart. (....)
- Freezing and melting are also part of the water cycle. (....)
- The boiling point of all liquids is the same. (....)
- The water cycle is the movement of water between Earth's surface and the air. (....)



True/False Questions 2

WRITE T or F

- **The boiling point of water depends on air pressure. →(.....)**
- **At the top of a mountain, water boils at a higher temperature than at sea level. →(.....)**
- **Condensation happens when gas particles gain energy. →(.....)**
- **Clouds form when water vapour condenses high in the atmosphere. →(.....)**
- **Freezing is the process where a solid changes into a liquid. →(.....)**
- **Particles in a solid are closer together than in a liquid. →(.....)**
- **Steam is the same as cold water vapour. →(.....)**
- **Different liquids boil at different temperatures. →(.....)**



One-Word Answer Questions 1

- **What process changes a liquid into a gas? →**

- **What process changes a gas into a liquid? →**

- **What is the opposite of evaporation? →**

- **What do we call the temperature at which a liquid boils? →**

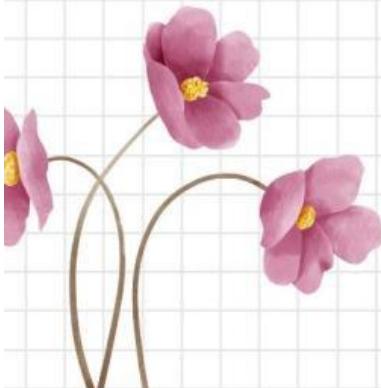
- **What do we call heated water vapour? →**

- **What is the cycle of water moving from Earth's surface to the air and back again? →**

- **At higher altitudes, what decreases, causing water to boil at a lower temperature? →**

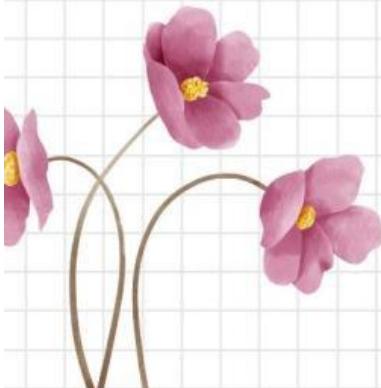
- **What is formed when water vapour cools high in the sky? →**

- **What process changes solid ice into liquid water? →**



One-Word Answer Questions 2

- **Which factor, besides heat, affects the boiling point of water? → _____**
- **What do we call the energy needed for a liquid to change into gas? → _____**
- **When water vapour condenses high in the atmosphere, what forms? → _____**
- **What do we call water in gas form? → _____**
- **What process turns liquid water directly into ice? → _____**
- **Which state of matter has particles closest together? → _____**
- **What type of energy makes particles move faster during boiling? → _____**
- **On mountains, does water boil at a higher or lower temperature? → _____**



Match

A liquid changes into gas only at the surface.

Evaporation

A gas changes into liquid as it cools down.

Condensation

A liquid changes to gas at its boiling point throughout the liquid.

Freezing

A solid changes into a liquid when heated.

A liquid changes into solid when cooled.

