

## VAPORIZATION = Evaporation + Boiling



**Evaporation**



**Boiling**



- A source of energy is required.
- at any temperature.
- It doesn't form bubbles.
- the liquid vaporises in the whole volume
- It occurs only at a special temperature.
- only from the surface
- The temperature of liquid remains constant.
- It forms bubbles
- The temperature of liquid decreases.

### The Cooling Effect of Evaporation

If \_\_\_\_\_ particles escape from the liquid, \_\_\_\_\_ ones are left behind, so the temperature of the liquid is \_\_\_\_\_ than before.

**clue:** less, greater, faster, slower