

HEAT

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Page _____

- 1) The three effects of heat are ->
- * Change in temperature of the body: When a body is heated its temperature rises and when it is cooled, its temperature falls.
 - * Change in size of the body: When a body is heated, it expands and when it is cooled, it contracts.
 - * Change in state of the body: The process of change from one state to another at a constant temperature is called change of state.
- 2) The increase in size of the body due to heating is called thermal expansion.
- 3) Sublimation -> When a solid on heating changes directly into vapour at a fixed temperature.
- 4) During change of state at a fixed temperature, heat is either absorbed or released but this heat does not change the temperature of the substance.