

1) properties of solid:vibrate on the spot,they are in fixed position,the particles hold together strongly

properties of liquid:sliding over each other,not in a pattern,the particles hold together strongly

liquid-(freezing)->solid

solid-(melting)->liquid

when solid begins to melt,its particle vibrate Faster,they move around sliding over each other and changes to liquid state

The change from liquid to solid is freezing,a substance Freezes at or below its melting point.when a liquid freezes, particles stop moving around from place to place, over time all the particles are in a fixed position.

-boiling: change from liquid to gas the boiling point bubbles rise to the surface and escape

-evaporation: change from liquid to gas at any temp, particles leave the liquid surface

solid-(melting)->liquid-(evaporation)->gas

solid-<(freezes) <-liquid<-(condenses)<-gas