

1) Explain how gases can be liquefied?

Ans) By adding pressure and reducing the temperature, gases can be liquefied.

2) What is sublimation?

Ans) Sublimation is the transition of solid state to liquid state.

3) a) Liquids and gases flow but solids do not?

Ans) The molecules of liquid and gases are far apart, ~~no~~ intermolecular attraction force is very less as compared to solids, hence liquid and gases flow but solid do not.

b) Why is an egg is kicked out of a bottle when air is blown ~~outside~~ inside the bottle?

Ans) It creates high pressure inside the bottle and the egg is kicked out of the bottle.