

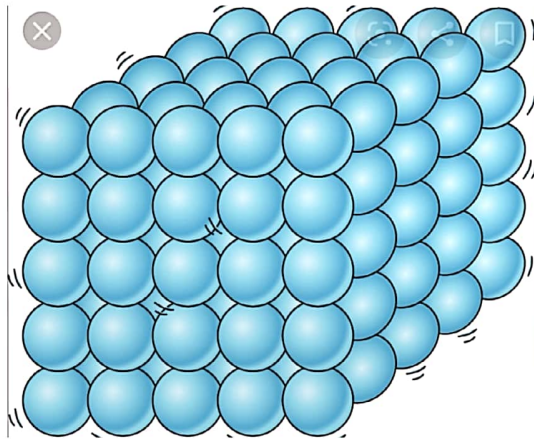
1.3

The Particles in Solids Liquids and Gases

How are the particles arranged?

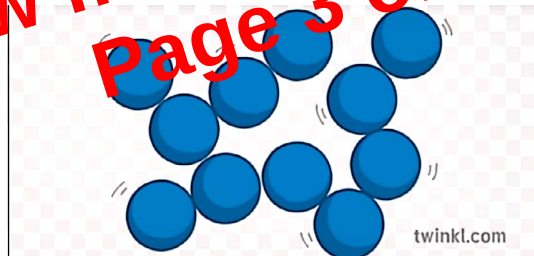
Solids

- fixed or lattice.
- Strong forces hold them together.
- Only tiny vibrations to and fro.



Liquids

- Particles can move about and slide past each other.
- Particles close together but not lattice.
- Forces weaker than in solids.



Gases

- Particles far apart.
- Particles move about quickly.
- Almost no forces holding them together.
- Collide with each other and bounce off in all directions.

