

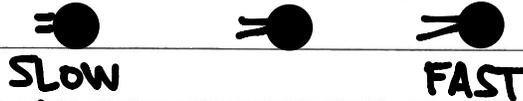


Essential Question: Why does matter change from solid → liquid → gas.

Questions:

Notes: Review: Whoosies = Speed of particle

3 Level 2 Qs



3-5 Sentence Summary

SOLID

LIQUID

GAS

Definite = does not change

- Definite Shape and Volume
- SLOW moving particles; ordered in a lattice.
- vibrate in place b/c the particles attract and repel one another.

- Definite volume and indefinite shape.
- Particles slide past one another b/c some of attractions btwn part. were broken.

- Indefinite Shape and Volume
- FAST moving particles; random.
- Partides have broken all attractions between them.

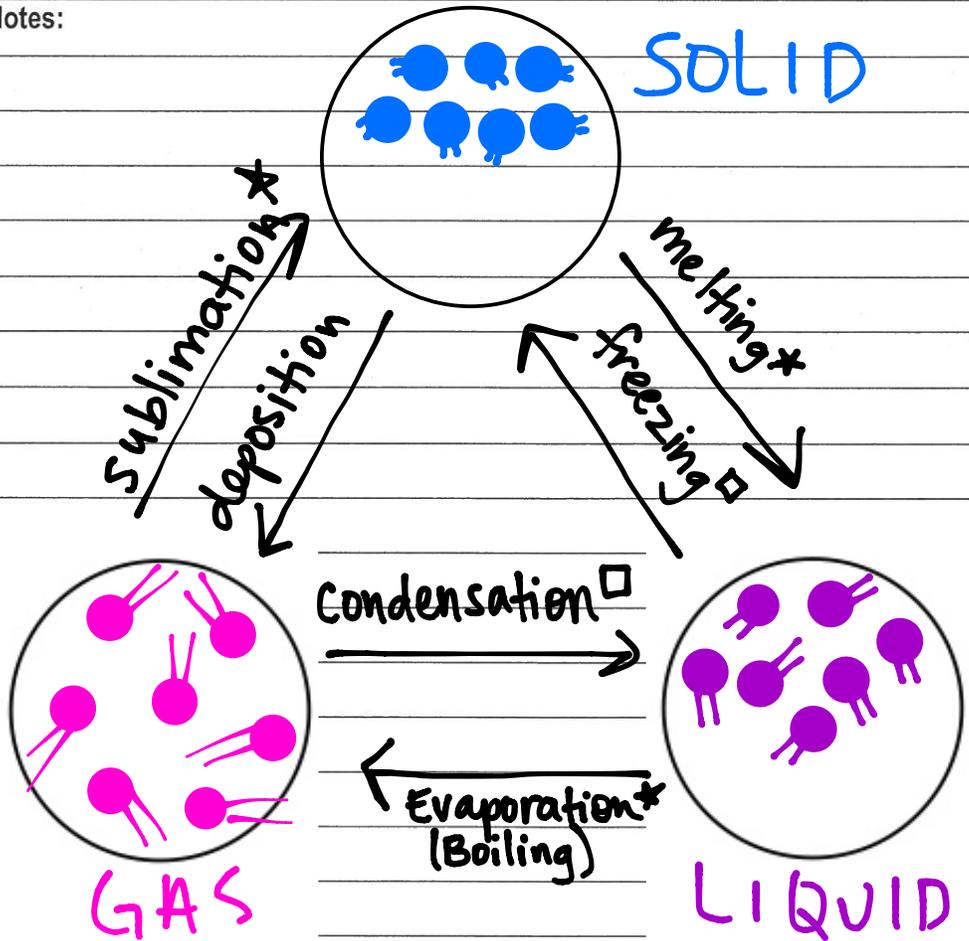
btwn = between part. = particle

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Summary:

Questions:

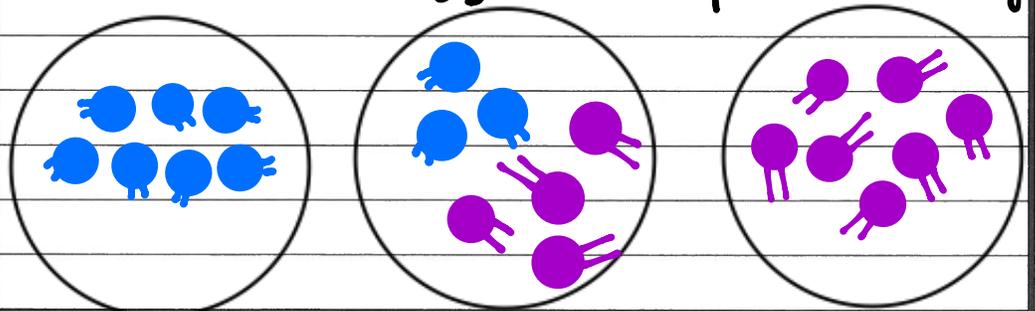
Notes:



* = requires energy for the phase change.

□ = releases energy for the phase change.

Example Particle Diag. for Melting.



Summary:

1 2 3

Solid Melting Liquid