

General Chemistry 2 — CHEM 1142

1-12-15

①

Ch 1-10 ~ CHEM 1141

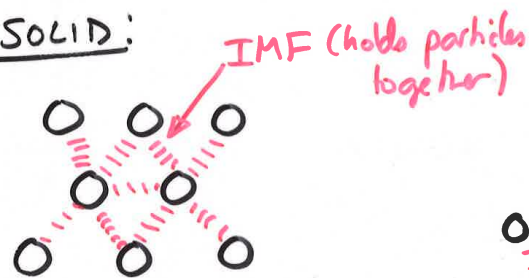
Ch 11 ~ ORGANIC

Ch 12: Intermolecular Forces, Liquids, and Solids.
IMF

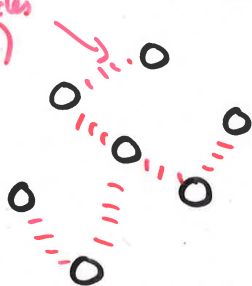
condensed phase
x 1000 smaller than
gases.

Why isn't everything a gas?

SOLID:



LIQUID:



↑ atoms/ions/molecules.

IMF = force between particles.

②



↑
IMF
~ 1 $\frac{\text{kJ}}{\text{mol}}$
(small)

↑
covalent bond.

= Intramolecular force
inside
within ~ 430 $\frac{\text{kJ}}{\text{mol}}$