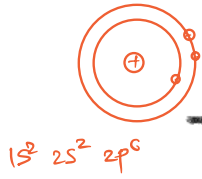


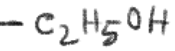
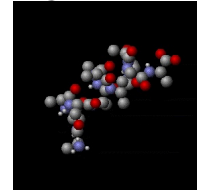
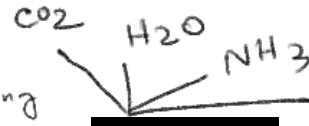
- Alkali metals
- Alkali earth metals
- Transition metals
- Lanthanides
- Actinides
- Basic Metals
- Metalloids
- Non-metals
- Halogens
- Noble Gases

⑥
these are atoms made of e^-, p, n



⑦

after, atom you get molecule & then chemical compound



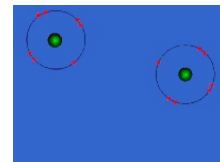
think

H is explosy
O is burny
H₂O = water

⑧

rule conservation mass + energy	another really interesting form of matter is plasma	energy also determines when compound will exist in different format	understanding how the energy more around in chemical
no energy or mass created during reaction	chemical reaction is the core of chemistry. which compound react with each other why, they react	Solid, liquid, gas temperature + pressure	substance is vital to understand when reaction will & won't happen

the rule of the universe is "entropy"



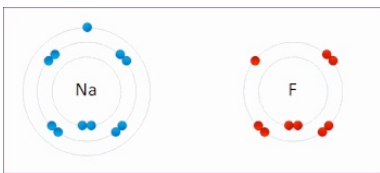
atom stick together by bonding sharing electron

bonding for decreasing entropy
catalyst

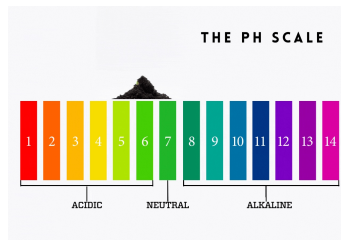
← why!

⑨
Kinetic fast
(study of how a reaction happen & things that control it)

oxidation-reduction (redox)
NaCl

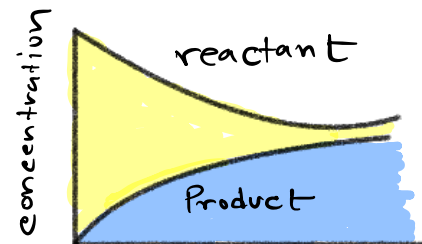


pH



Hydrochloric acid	Pure water	Sodium hydroxide
1	7	14
acid	neutral	Base

why
if there are number of different chemical compound which can react with each other



fields of chemistry

