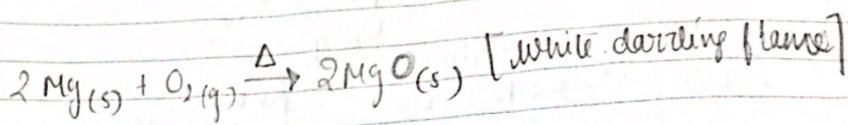
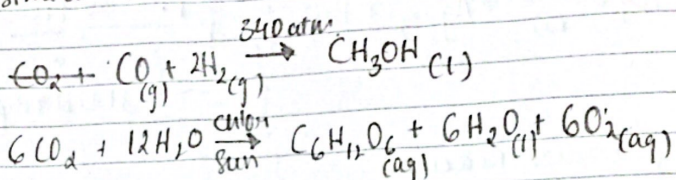
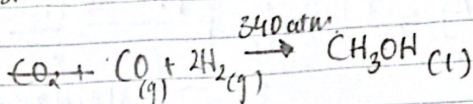


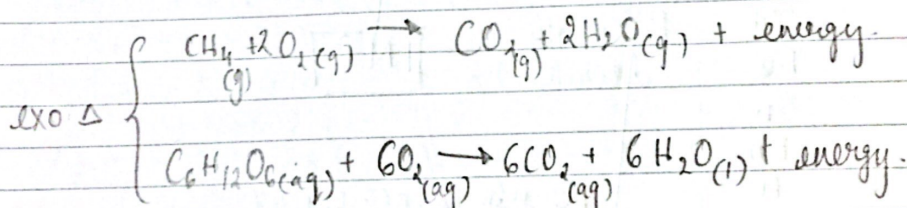
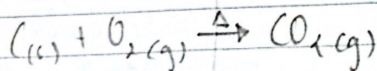
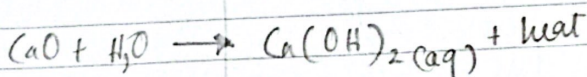
Ch 1 Chemical Eqns and Reactions



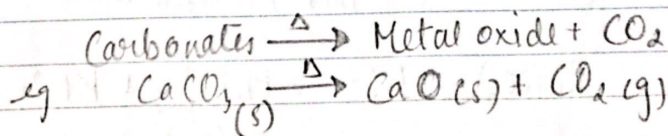
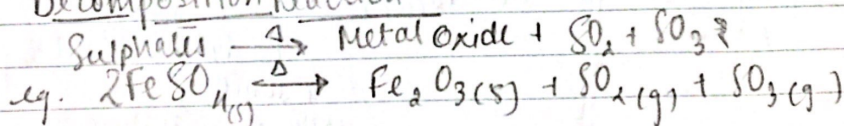
(Similar reactions with almost all acids)

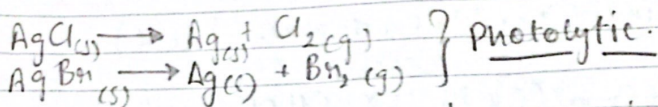
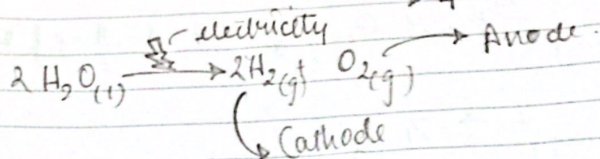
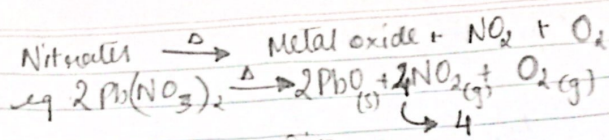


Combination (OY)



Decomposition Reaction





Used in photography

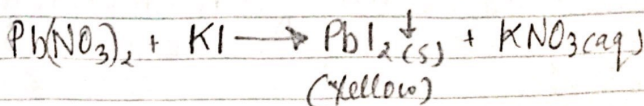
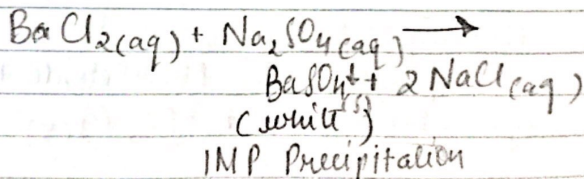
Displacement Reaction.

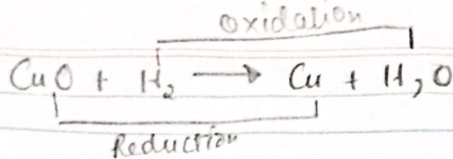
Li
K
Na
Ca
Mg
Al
C
Zn
Fe
Sn
Pb
H
Cu
Ag
Au
Pt

Reactivity
decreases

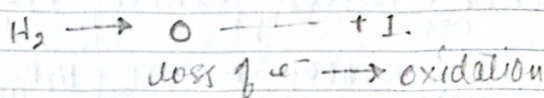
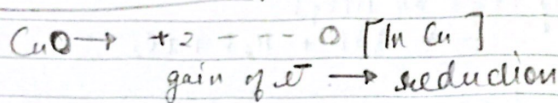
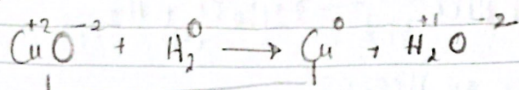
IMP

Double Displacement



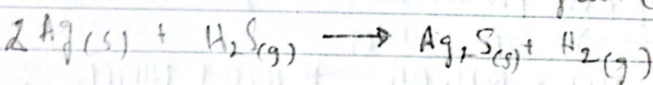
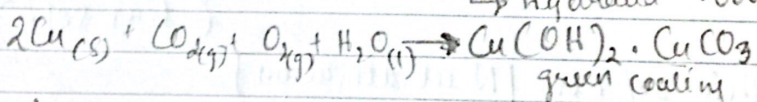
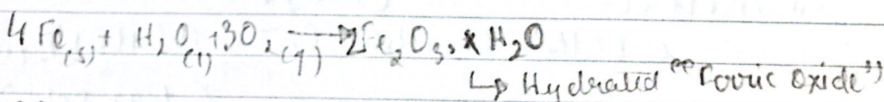


Using OIL RIG 66



Oxidation	Reduction
↑ is	↓ is
↳ loss	↳ gain

Corrosion reactions



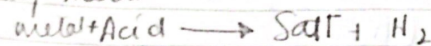
The ones 1K 4

_____ X _____ X _____ X _____

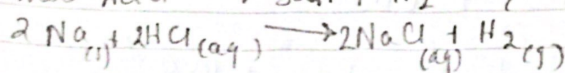
Acids Bases and Salts:

Acid Reactions

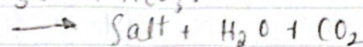
w/ metal



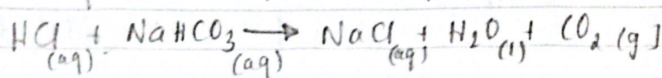
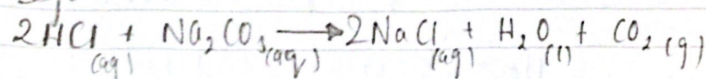
pop sound



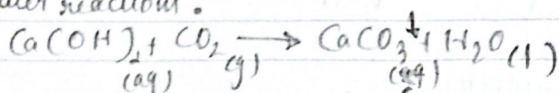
w/ CO_3 or HCO_3



eg.

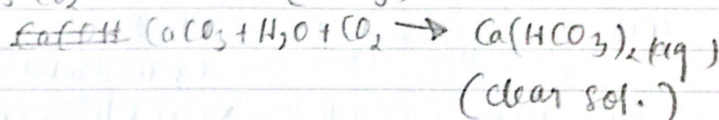


Line water reactions:-

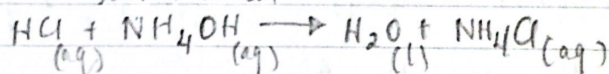
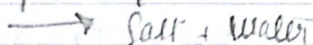


on excess CO_2

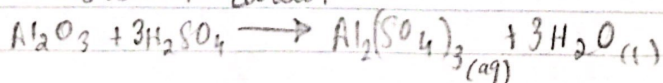
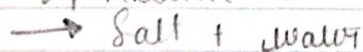
(milky)



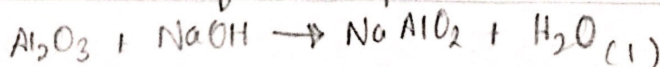
Acid w/ base [Neutralisation]

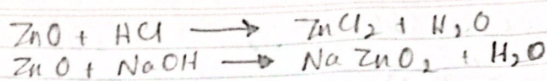


Acid w/ metallic oxides

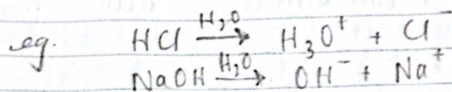
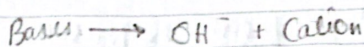
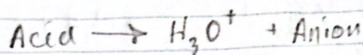


Note Al & Zn form amphoteric oxides



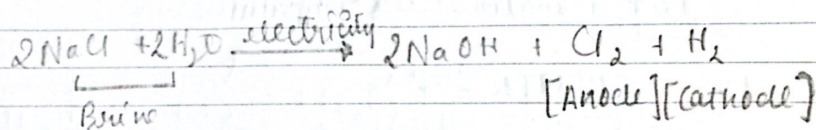


Bases and acids in water

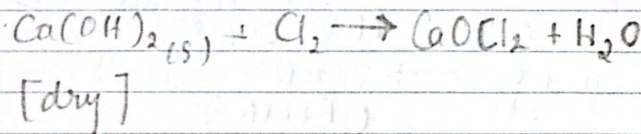


IMP Note :- acid to be poured drop by drop into water

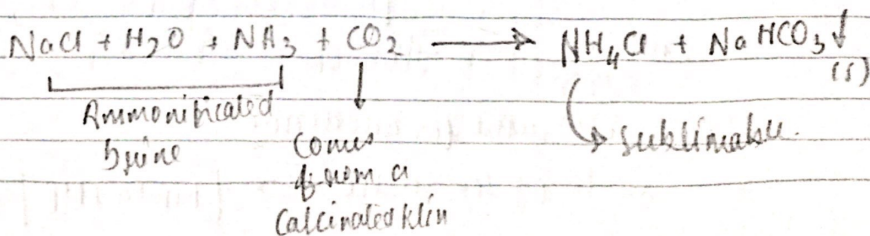
Chlor- Alkali Process



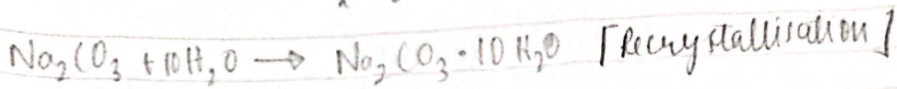
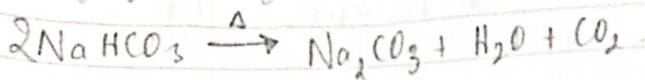
Bleach



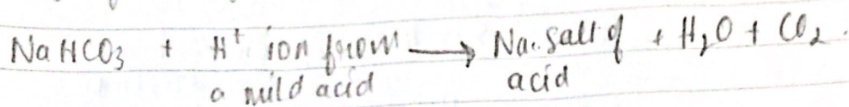
Making of baking soda / Solvay's Ammonia-Soda process



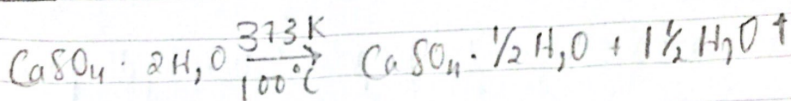
Making of washing soda



Making of Baking powder

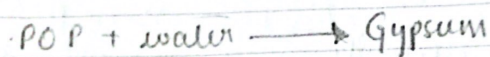


POP

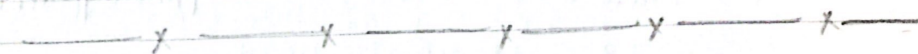


[Gypsum]

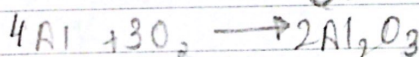
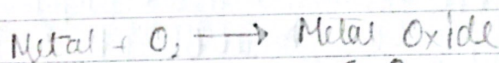
[POP]



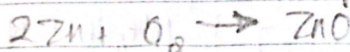
DUN CHAPTER 2 -



CH 3. METALS AND NON-METALS.



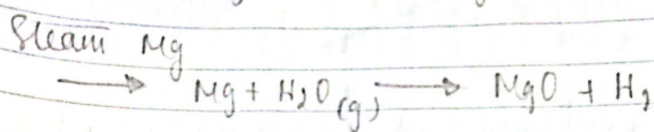
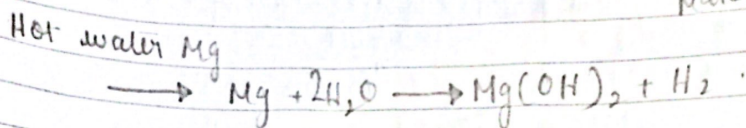
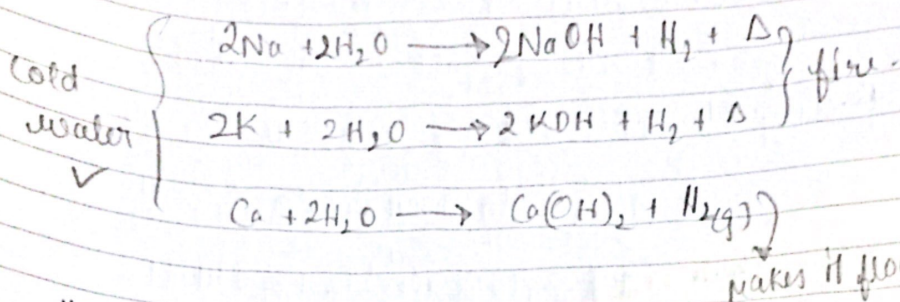
└→ amphoteric oxides



Al₂O₃ is also used for anodizing

Check pg 42 yellow box [Kinda IMP]

Metals at the top of reactivity [Na, K, Ca]



Steam Fe, Al, Zn.

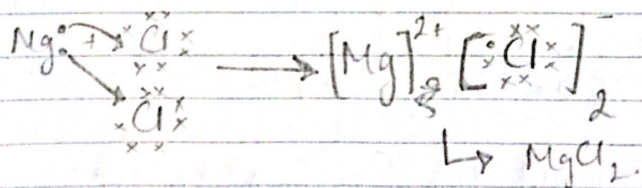
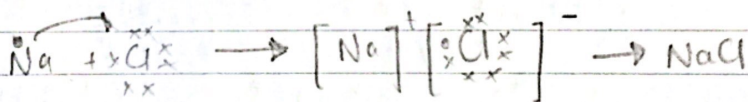


Same for others.

Pb, Cu, Ag, Au do not react with steam also. ∴ / fl.

Metals w/ acid \longrightarrow ref. prev. chp.

Metals + Non-metals \longrightarrow ionic compounds



PLS SPARE ME
(if something's wrong)