

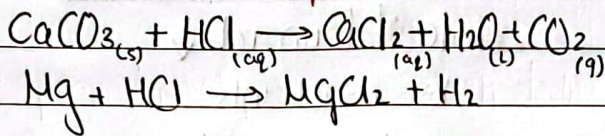
# Reversible Reactions

## Types of chemical Rxn

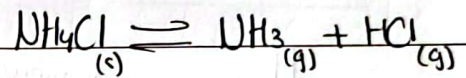
one way

both ways

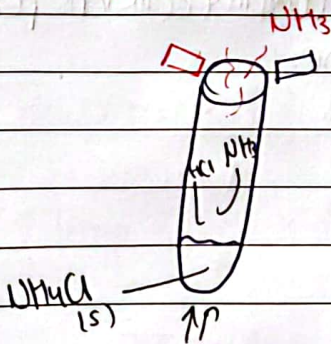
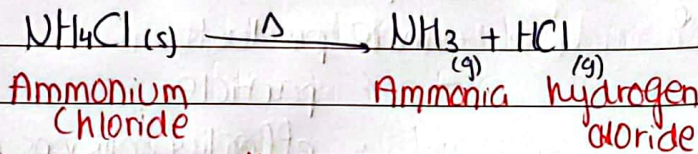
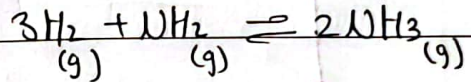
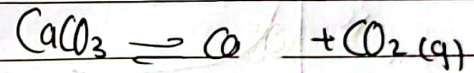
Reactants  $\xrightarrow{\text{forward}}$  products



Reactants  $\xrightleftharpoons[\text{backward}]{\text{forward}}$  products



\* Reactant must be suitable.



Q. which damp litmus paper will change its color first, why? (3)

⇒ the damp red litmus paper changes to blue. First because  $\text{NH}_3(g)$  is an alkali and lighter than  $\text{HCl}(g)$  which is acidic.

