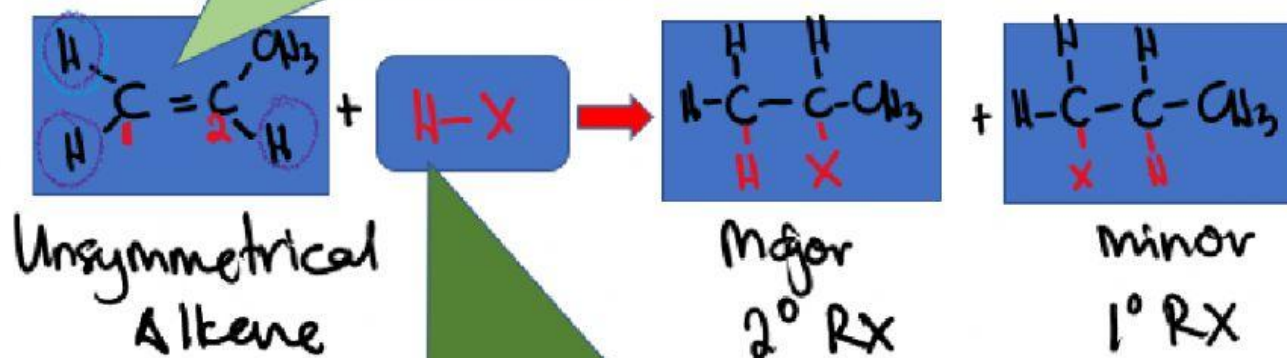


Chemical Reaction of alkenes

Types of reaction: **Electrophilic addition reaction**

Alkene is unsaturated hydrocarbon that susceptible/involves in **electrophilic addition reaction**



Markovnikov's rule: In addition reaction of unsymmetrical alkene to the **HX**, H will be added to the C of the C=C that has **more H** attached to it.

Question 6: Chemical reactions of alkenes

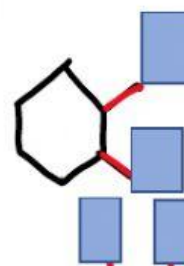
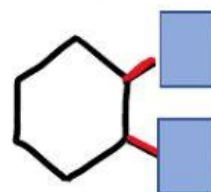
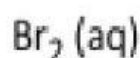
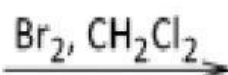
Follows Markovnikov's rule

a) Complete the following reaction scheme:

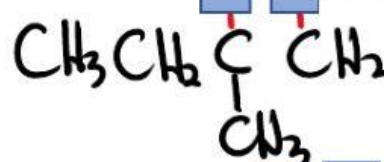
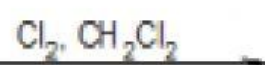
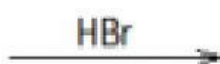
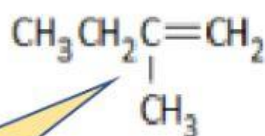
i.

Symmetrical alkene.

Markovnikov's is **not** applicable



ii.



Unsymmetrical alkene.

Follows Markovnikov's rule

