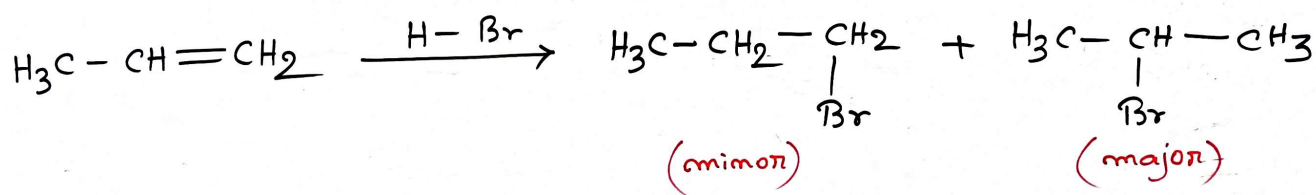
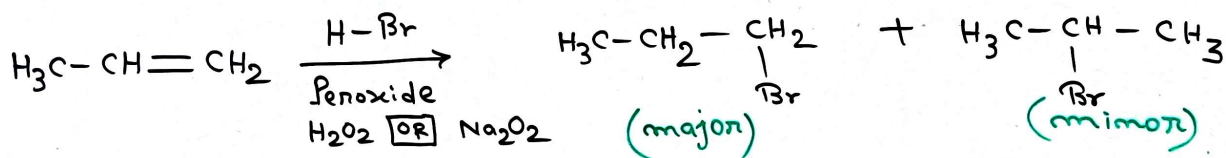


\* Markownikoff's rule (স্বাক্ষরিকণ্ড এৰু সূত্র)



On addition of HBr with an unsymmetrical alkene, that product will be major one where -ve part of HBr (i.e. Br) is attached with that double bonded C where less no. of H is present.

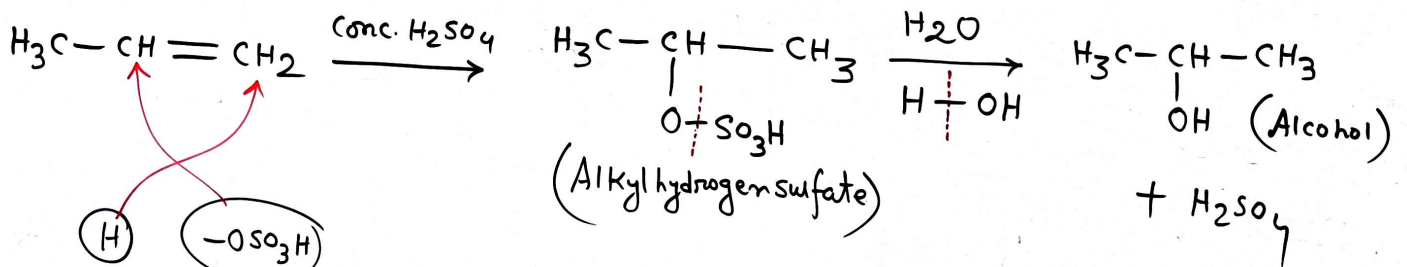
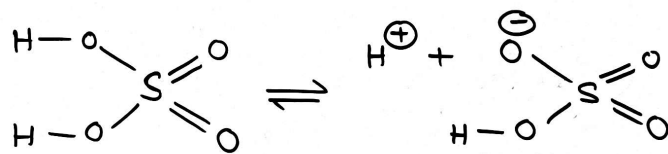
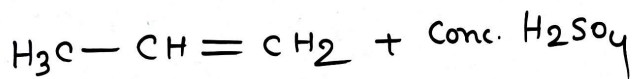
\* Anti Markownikoff's rule (Peroxide effect) [স্বাক্ষরিকণ্ড এৰু সূত্র (পারক্সাইড প্রভাৱ)]



On addition of HBr with an unsymmetrical alkene in presence of peroxide, that product will be major one where -ve part of HBr (i.e. Br) is attached with that double bonded C where greater no. of Hs are present.

## Hydration (अभ्रिणन)

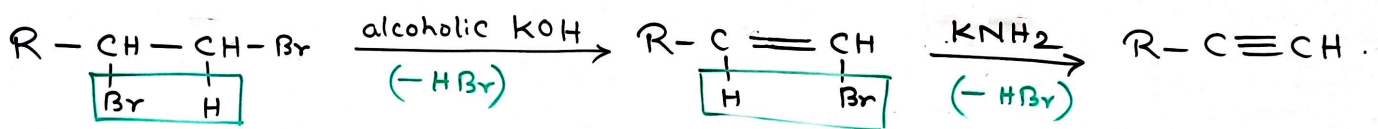
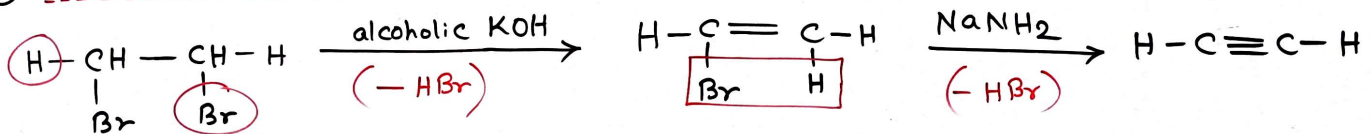
When alkene is passed through conc.  $H_2SO_4$  then alkyl hydrogensulfate is formed. When water is added with it then it is converted into alcohol.



## Alkyne (अणुलक्षित)

Preparation:

① From vicinal dihalide :-



② From tetrahalide :-

