

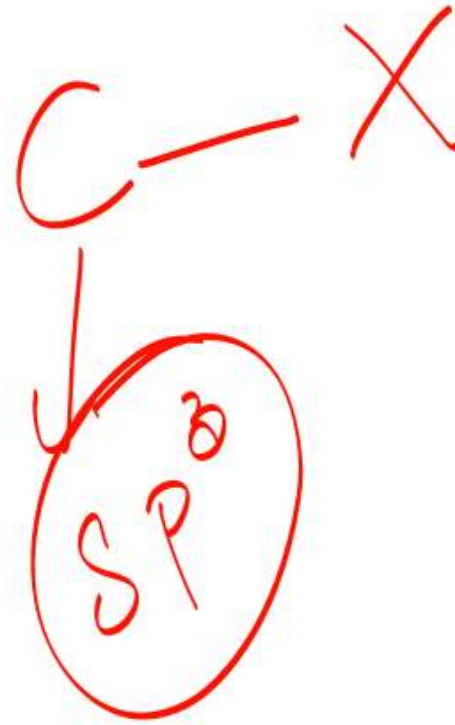
हैलोएल्केन तथा हैलोबेंजीन

sp^3 C-X bond युक्त

ऐल्किल हैलाइड या हैलोएल्केन

एलिलिक हैलाइड

वैजिन हैलाइड



sp^2 C-X bond युक्त

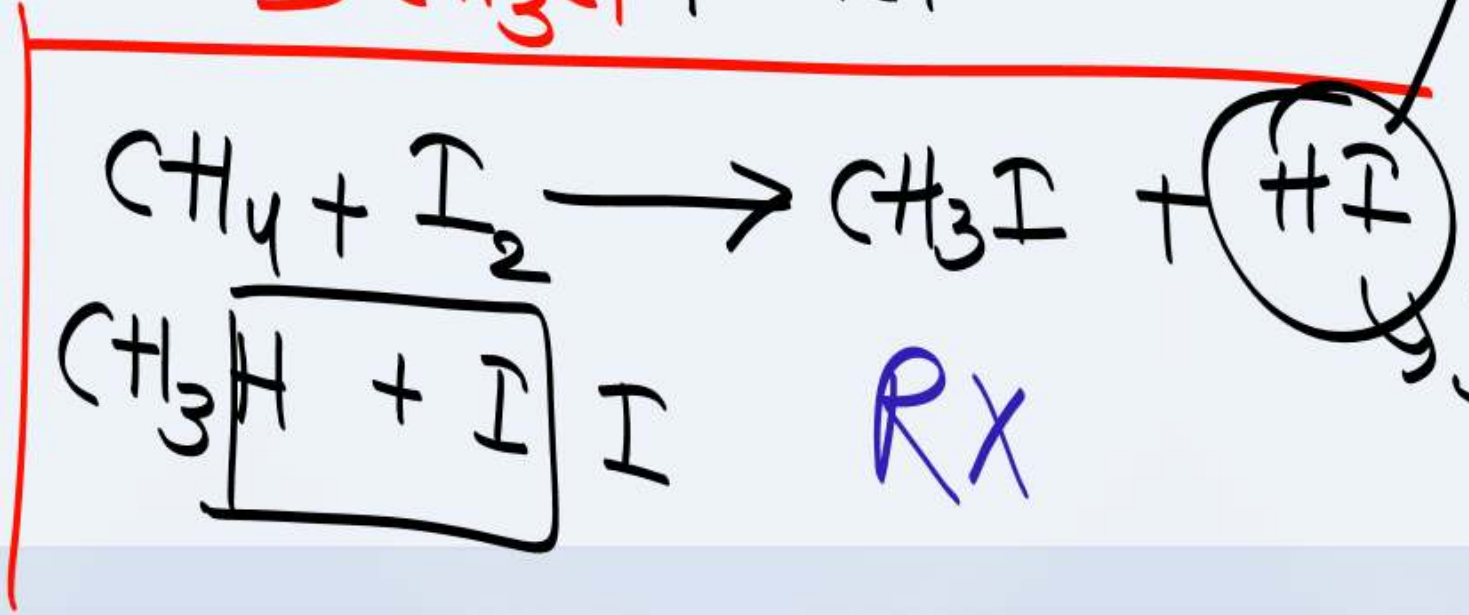
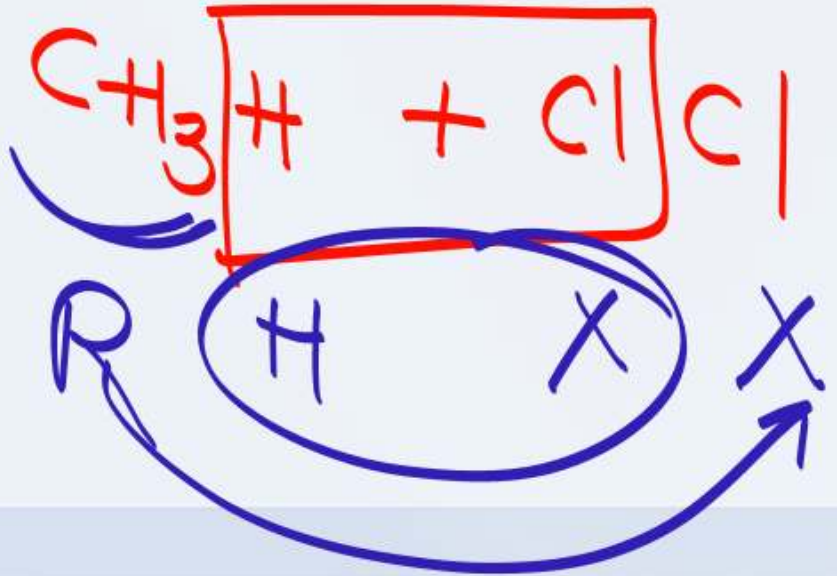
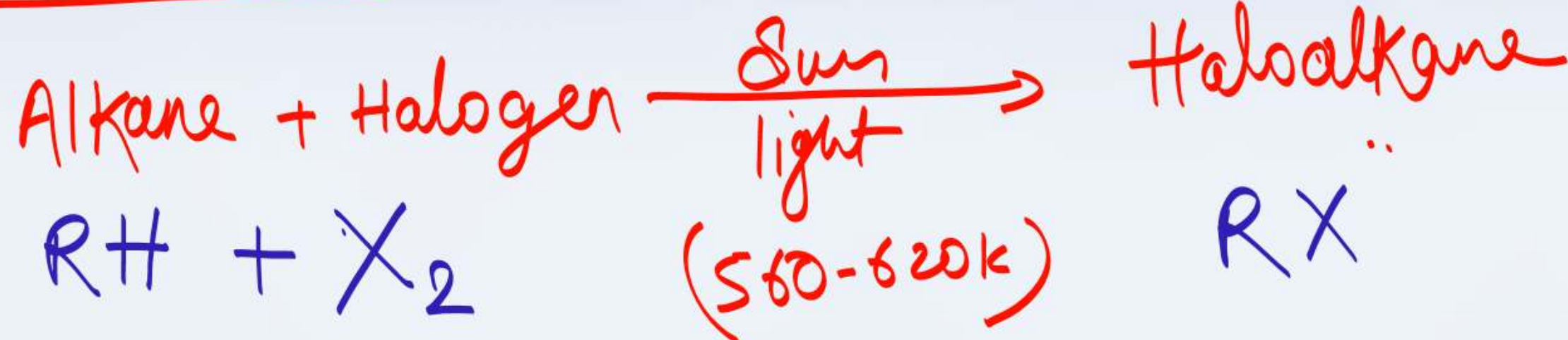
वाइनिल हैलाइड



ऐरील हैलाइड

* संश्लेषण की

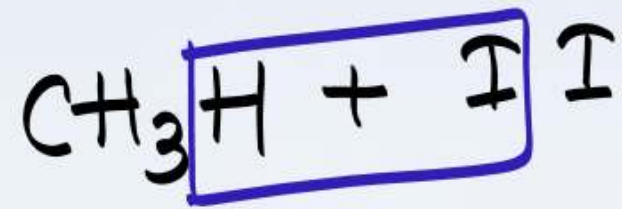
(Cl/Br)



प्रबल ऑक्सीकारक



प्रबल अपकारक



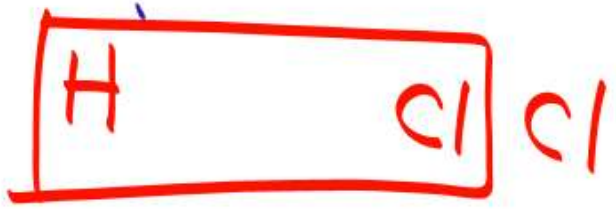
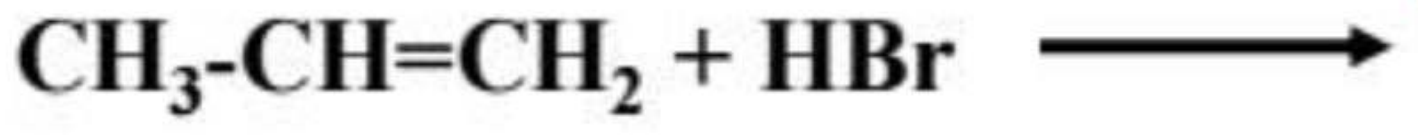
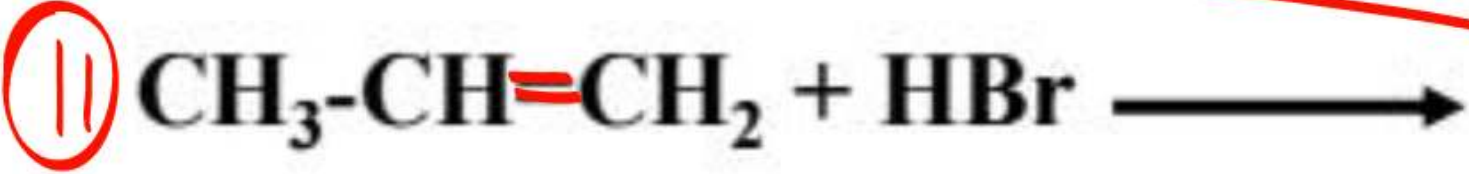
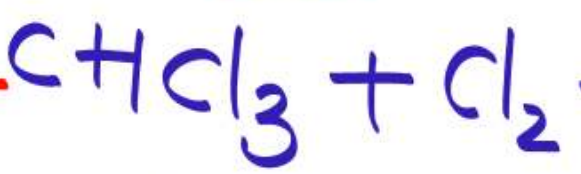
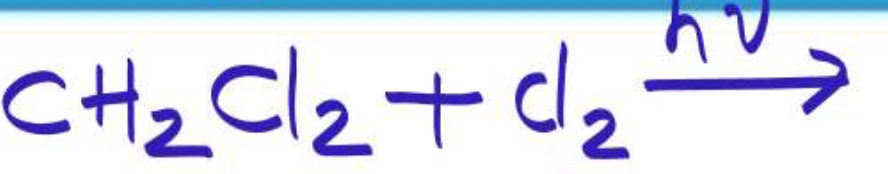
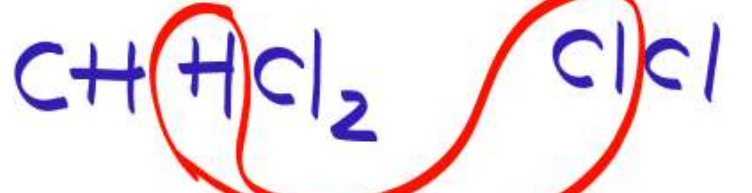
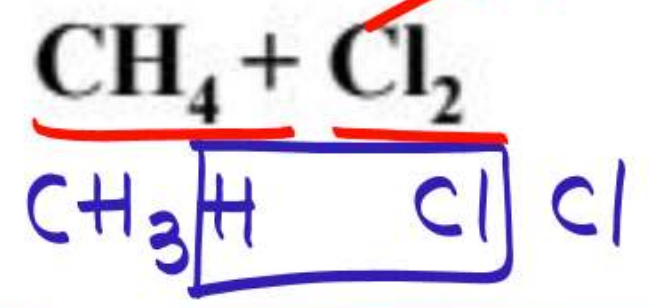
↓
प्रबल अपचायक
⊕
प्रबल ऑक्सीकारक



हैलोएल्केन बनाने की विधि

हैलोएल्केन तथा हैलोबेंजीन

अधिकता



chloroform

Carbon tetrachloride

① Alkene + Halogen acid



Haloalkane



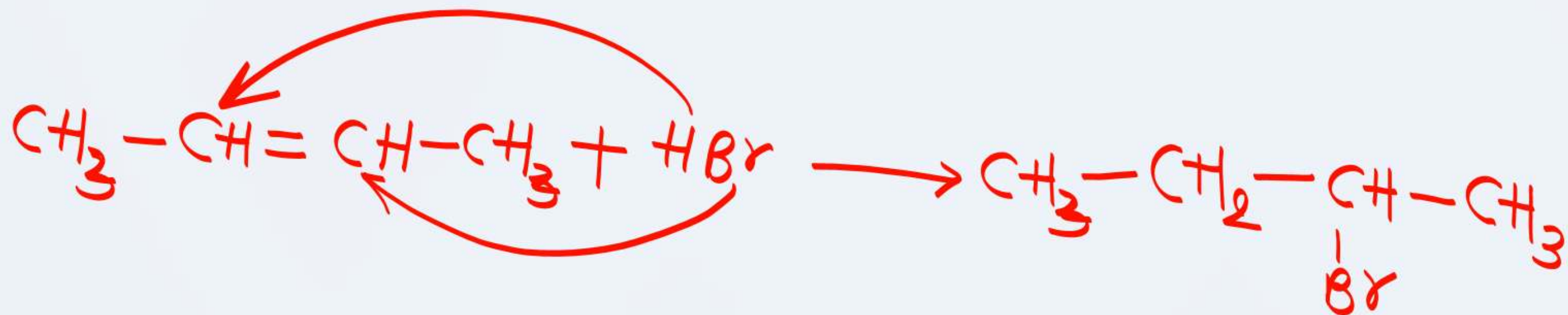
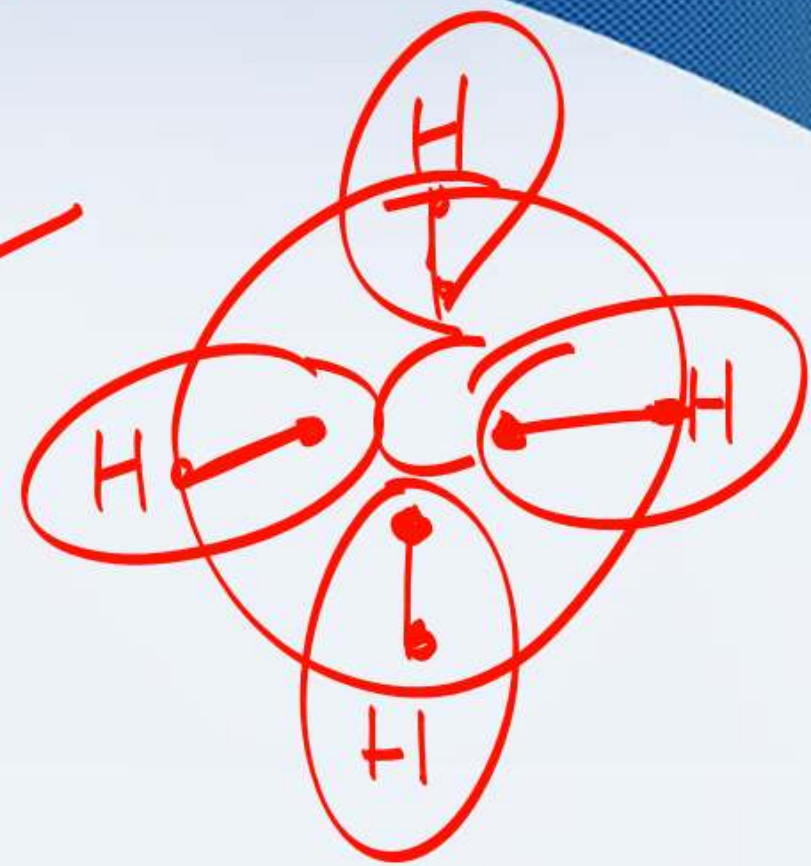
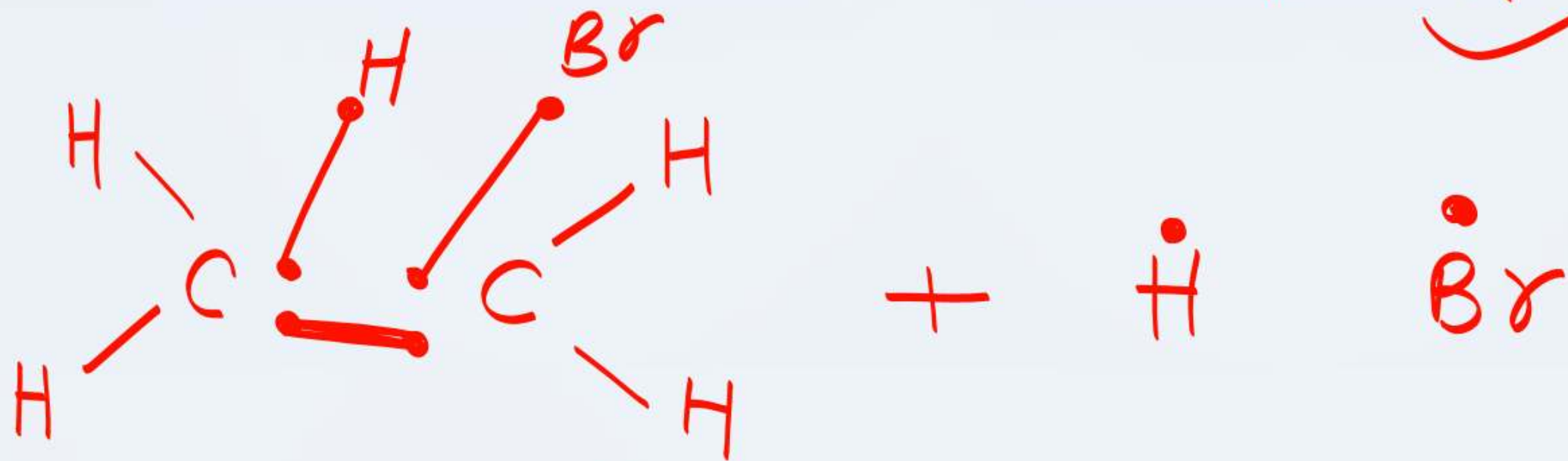
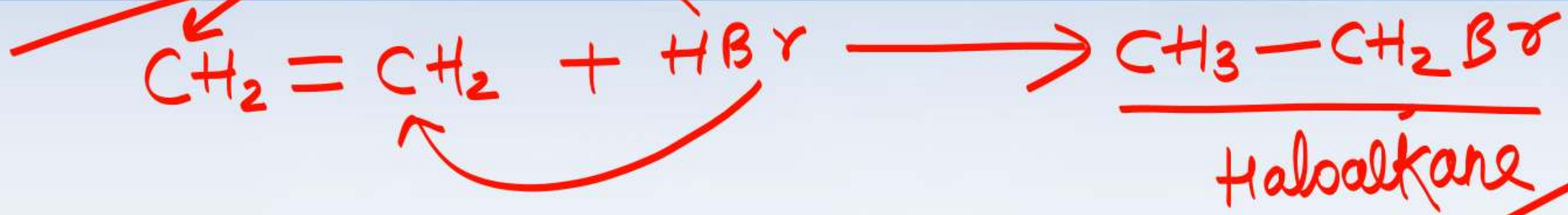
HCl
Hydrochloric acid



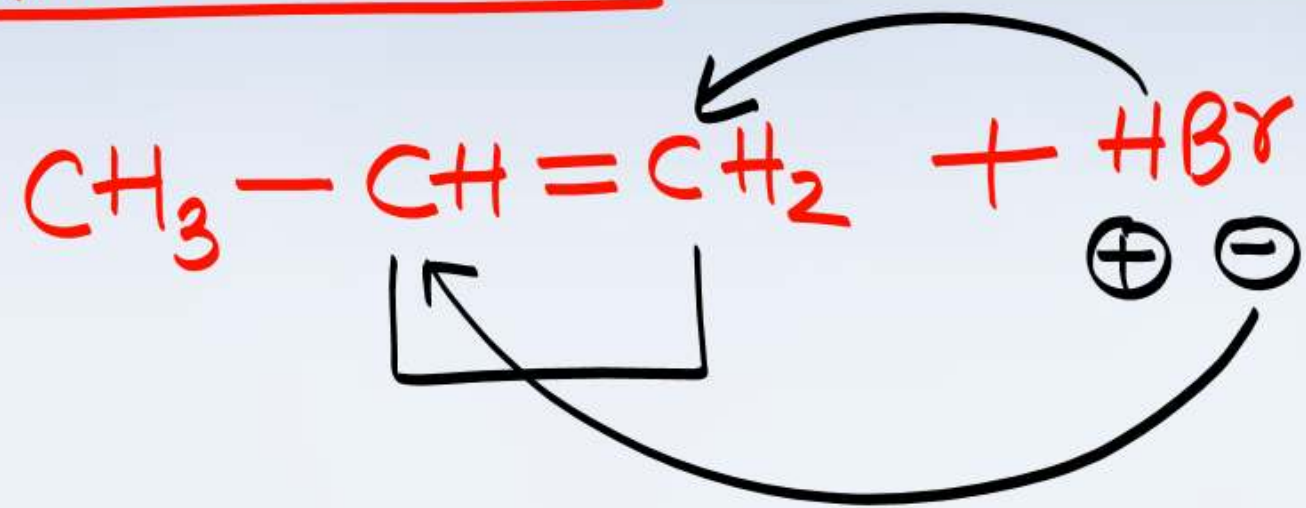
② $\text{HX} \rightarrow$ हालोजन अम्ल
Halogen acid



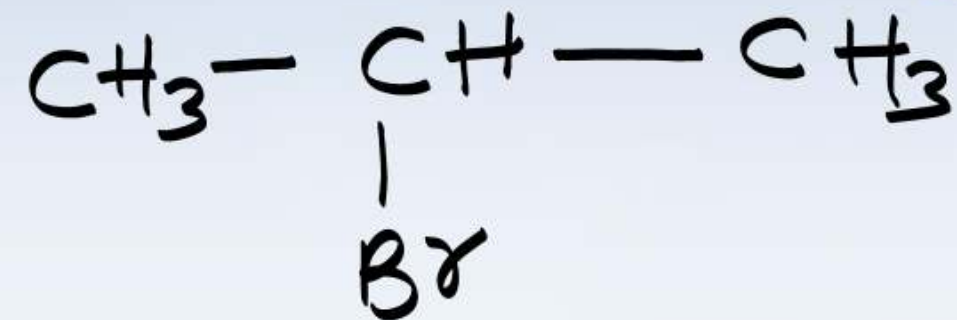
सममिती ऐलीन



असममित ऐल्कीन



मार्कोनिकॉव



* प्रतिमार्कोनिकॉव नियम / पर ऑक्साइड प्रभाव / रैर्राइ प्रभाव

