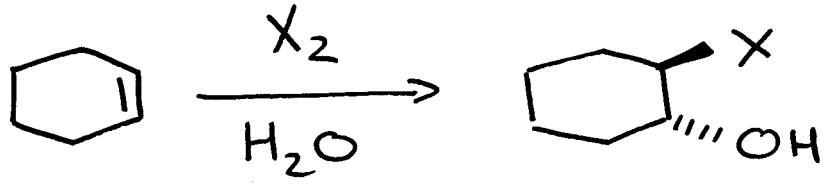
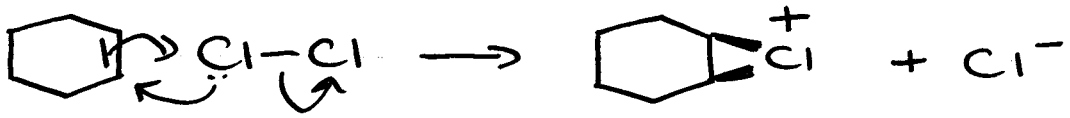


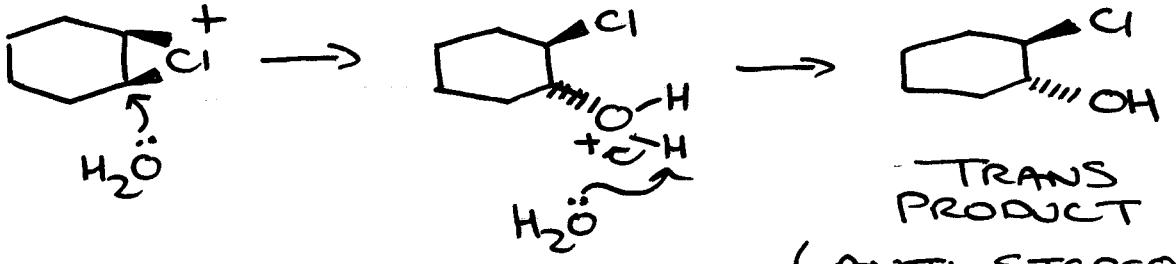
(X = Cl, Br)

- BOTH REGIO & STEREOSPECIFIC
- IF ALKENE IS UNSYMMETRICAL, X ADDS TO LEAST SUBSTITUTED C ATOM



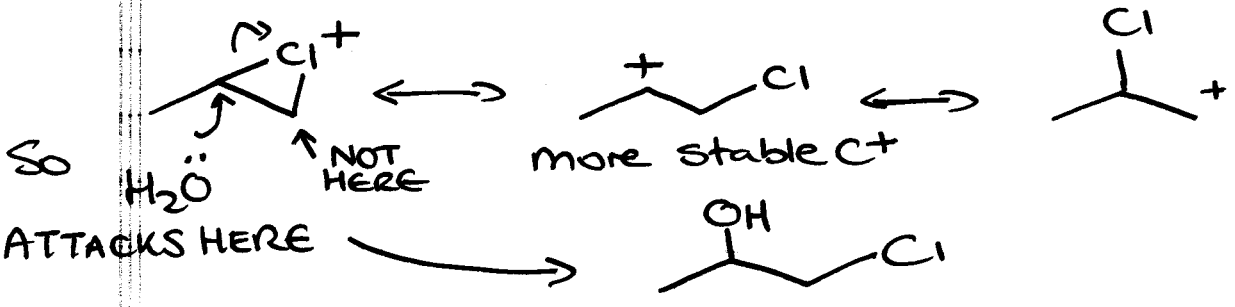
CYCLIC CHLORONIUM ION

- HUGE EXCESS OF H_2O VS Cl^-, SO H_2O IS NUCLEOPHILE IN SECOND STEP



TRANS PRODUCT (ANTI STEREO-SPECIFICITY)

- REGIOSPECIFICITY COMES FROM CONSIDERING RESONANCE FORMS (OPENS VIA STABLE C+)



more stable C+

So ATTACKS HERE