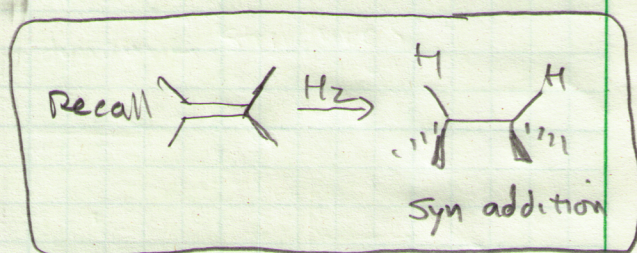
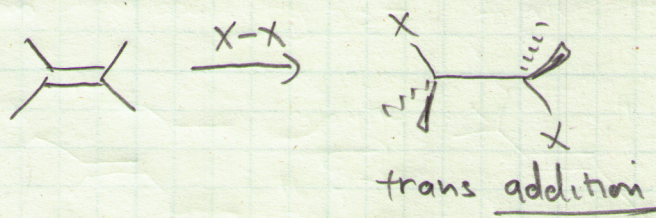
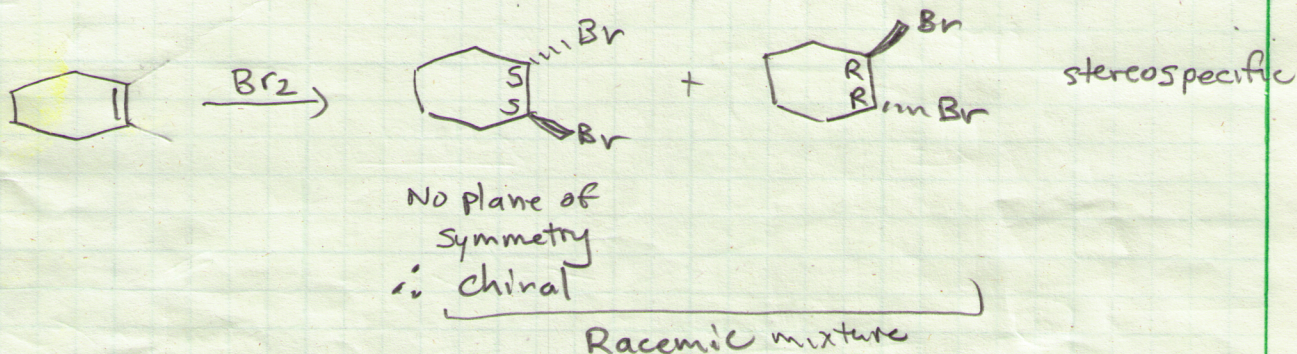


Halogenation of Alkenes

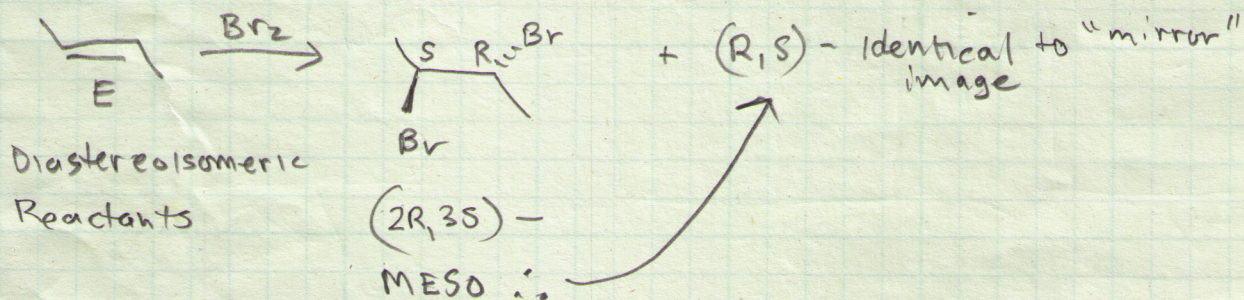
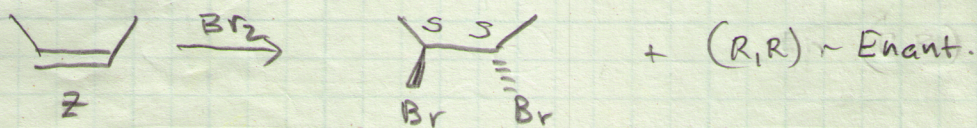


Vicinal dibromination

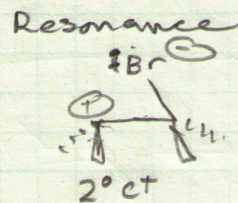
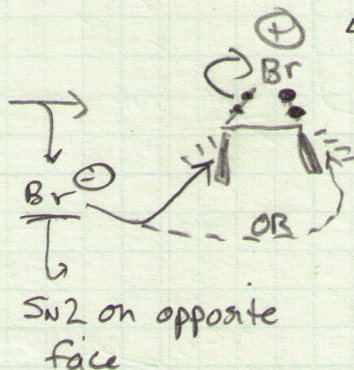
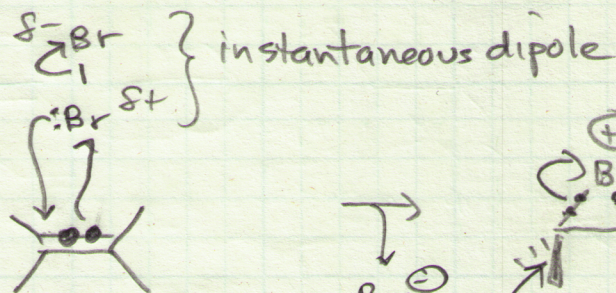


Stereospecific Rxn

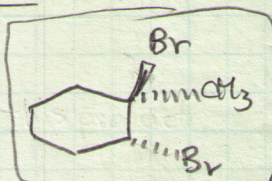
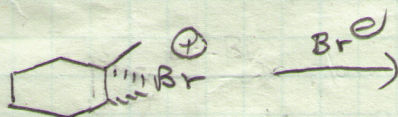
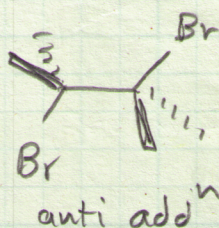
if stereoisomeric reactants give a unique set of stereoisomeric products



Dihalogenation Mechanism



syn addⁿ to top OR bottom face



explain why this product is preferred.

Bromohydrin addⁿ ($\text{Br}_2, \text{H}_2\text{O}(\text{xs})$)

