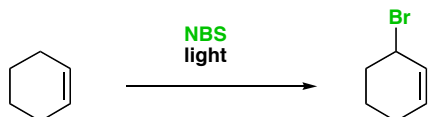
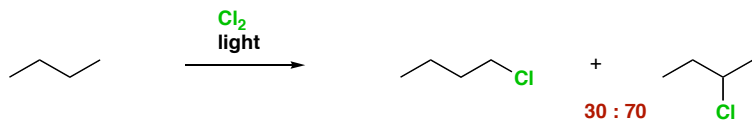
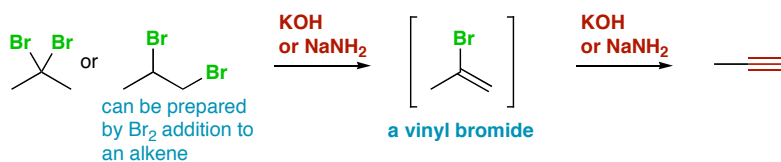


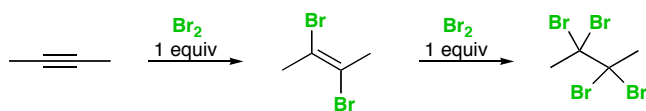
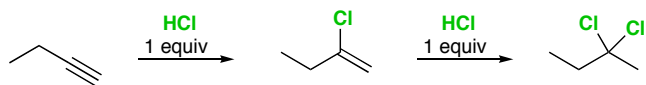
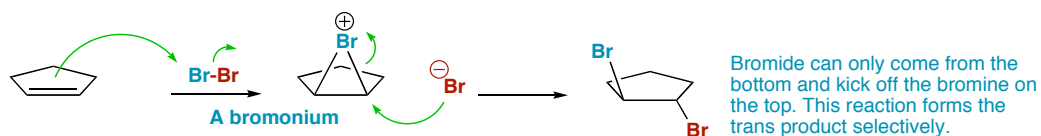
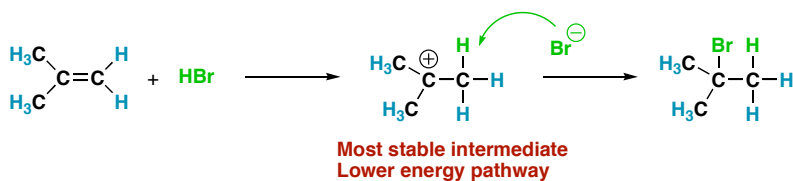
### Free Radical Halogenation of Alkanes

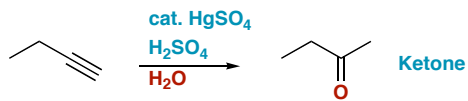


### Elimination Reactions

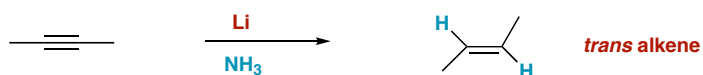
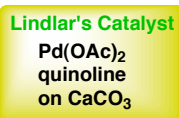
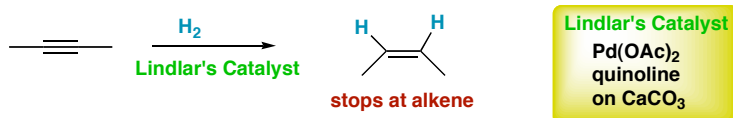
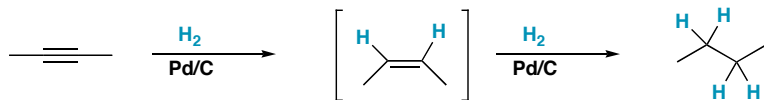


### Electrophilic Addition Reactions

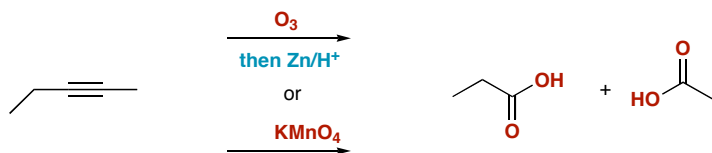




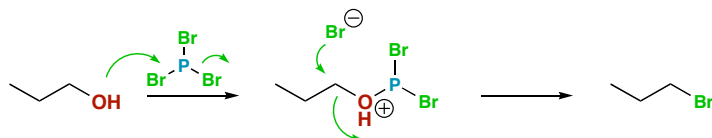
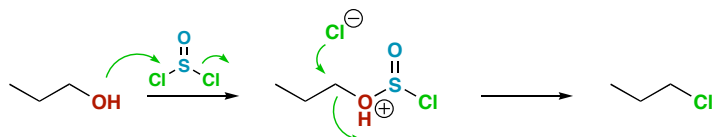
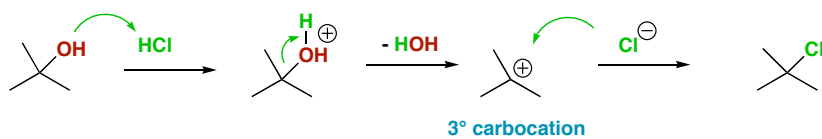
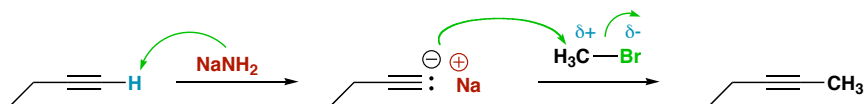
## Reduction (Hydrogenation) Reactions

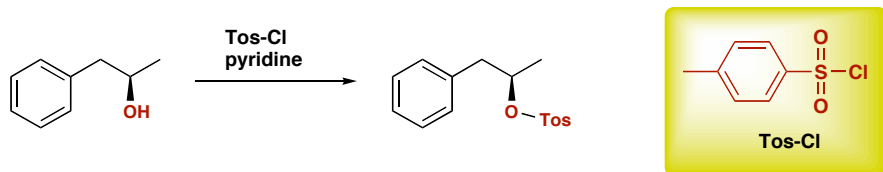


## Oxidation Reactions



## Substitution Reactions





In addition to these specific substitution reactions, you should be familiar with the details of the  $\text{S}_{\text{N}}1$  and  $\text{S}_{\text{N}}2$  reaction mechanisms. You should also know the different leaving groups (halides and tosylates) and different nucleophiles we have discussed in class.

### Organometallic Reactions

