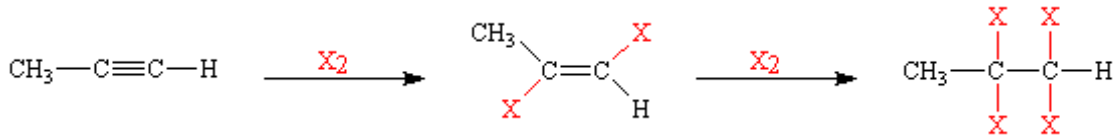
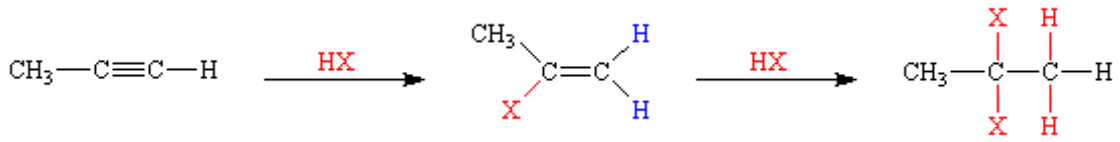
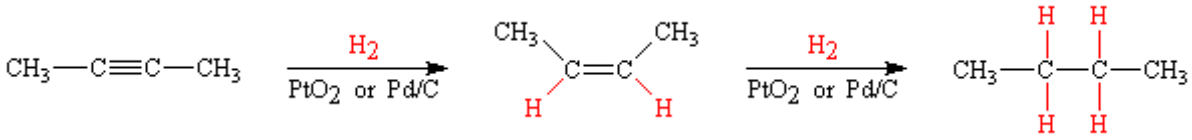
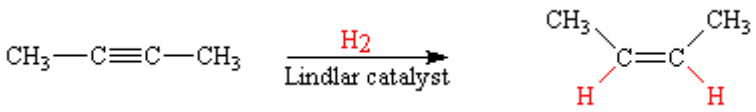
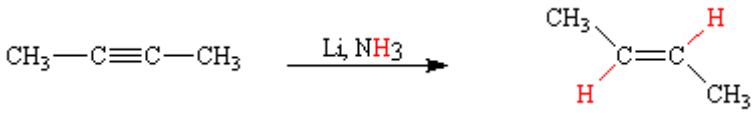
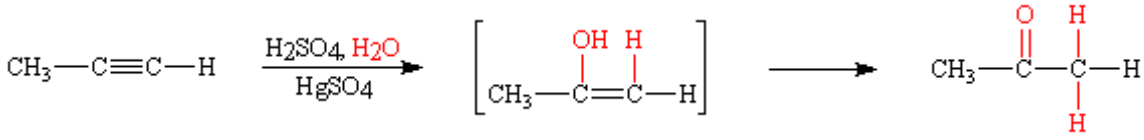
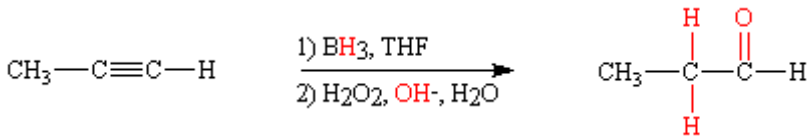
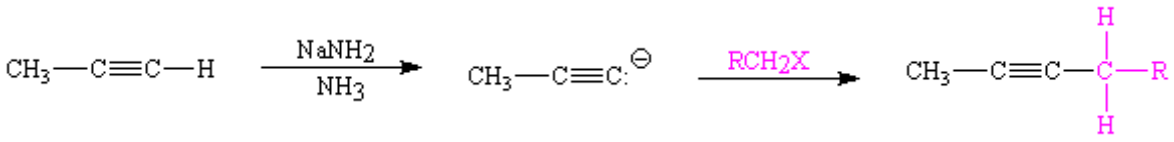
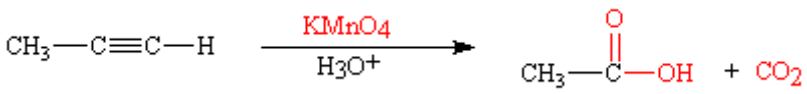
Reactions of Alkynes: The reactions of alkynes closely parallel the reactions of alkenes. In these reactions, the C□C triple bond is converted into a C=C double bond. The alkenes formed from these reactions can further to produce alkane derivatives.

Type	Reaction
Halogenation (X = Cl, Br)	
Hydro-halogenation (X = Cl, Br, I)	
Hydrogenation	  
Hydration	 
Acidity of Terminal Alkynes	
Oxidative Cleavage	 Also works with Ozone – alkynes give acids only.