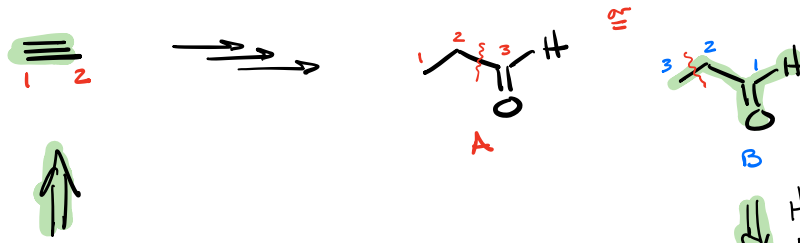
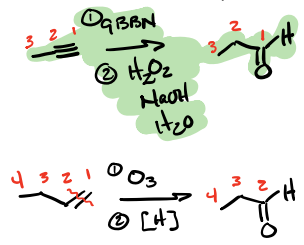
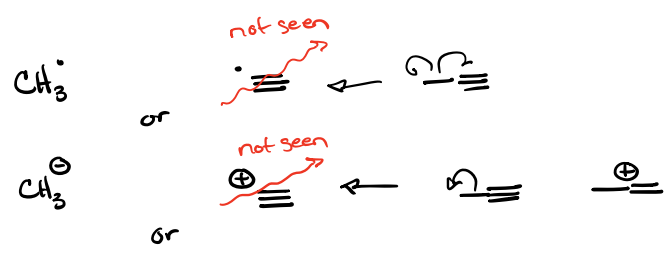


Alkene & Alkyne Synthesis



How do we make aldehyde?
From what functional groups & Reagents?



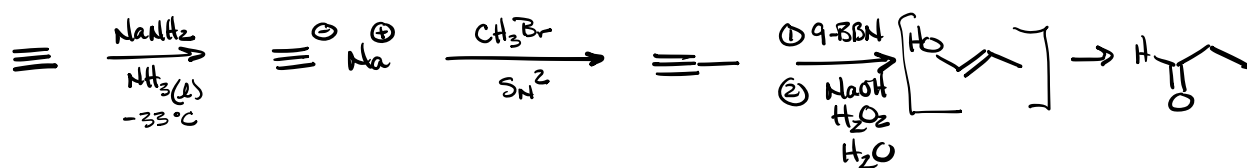
Synthons

Components with ideal properties to make the desired product
 \Rightarrow they are not real molecules

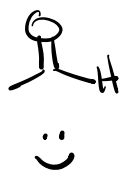
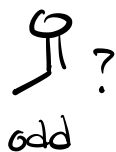
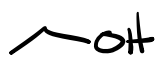
Retrosynthesis



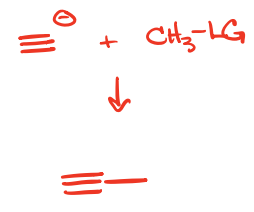
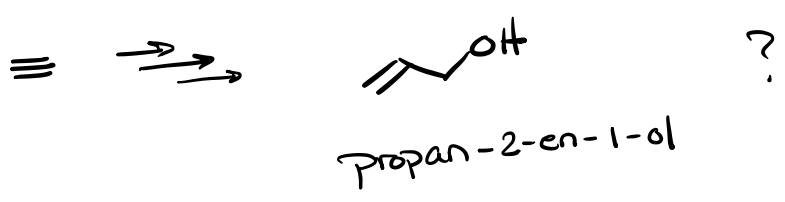
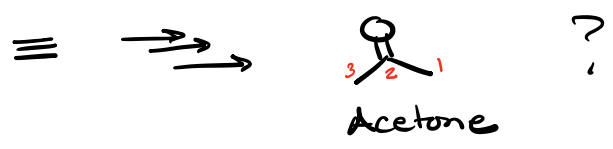
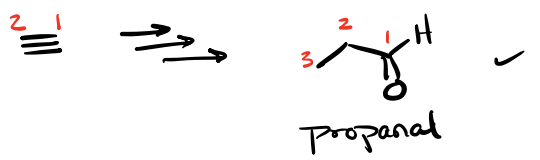
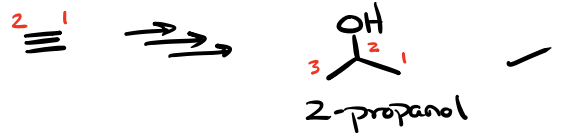
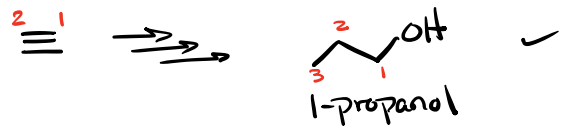
Forward

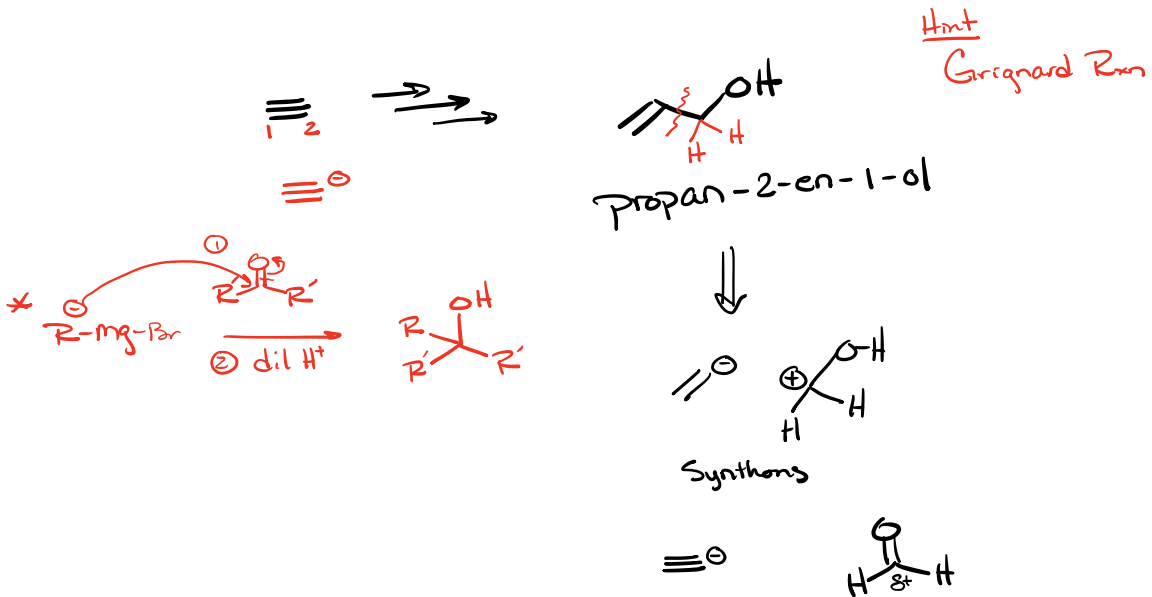
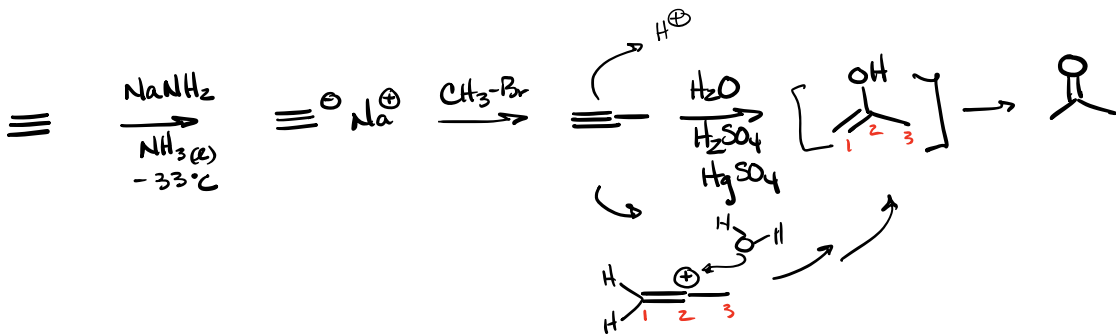
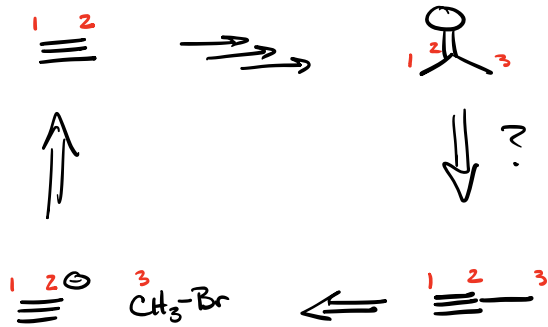


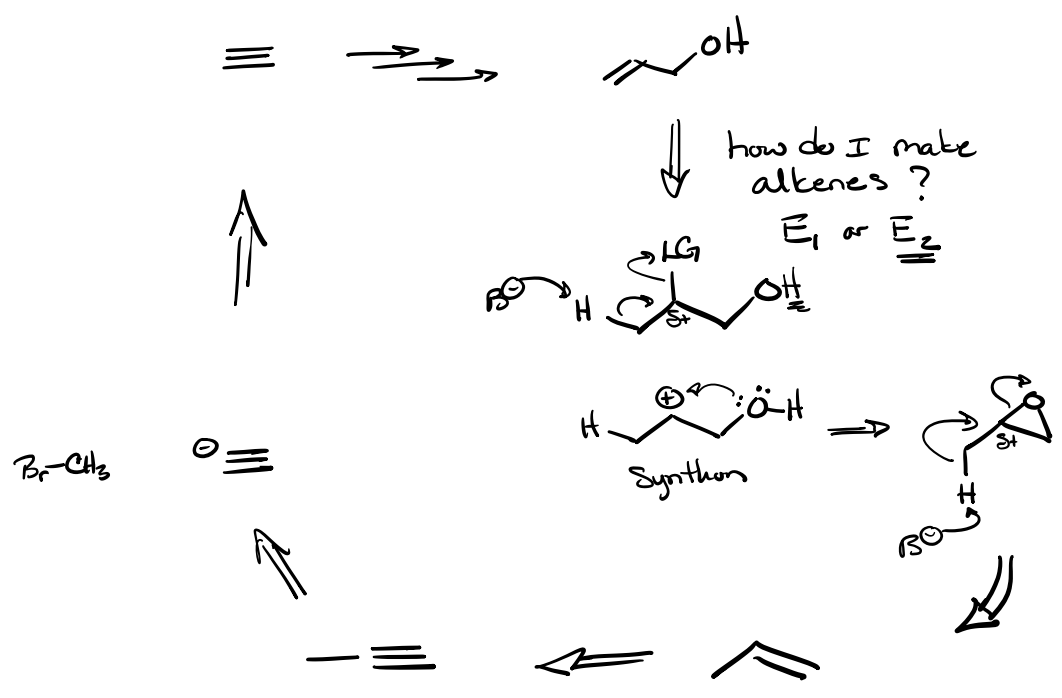
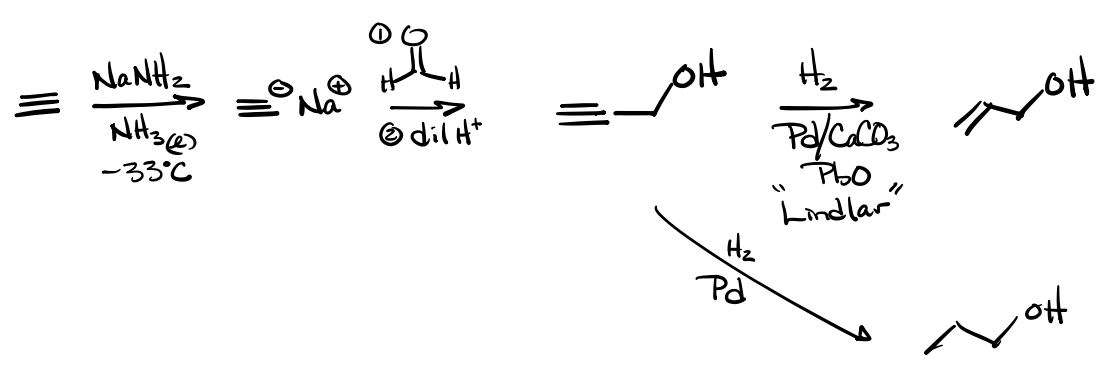
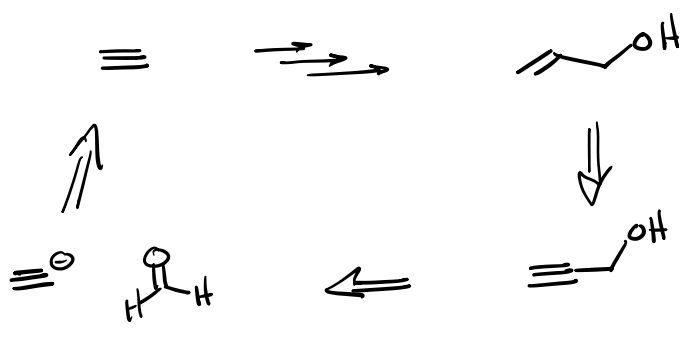
Always Show H attached to hetero atom



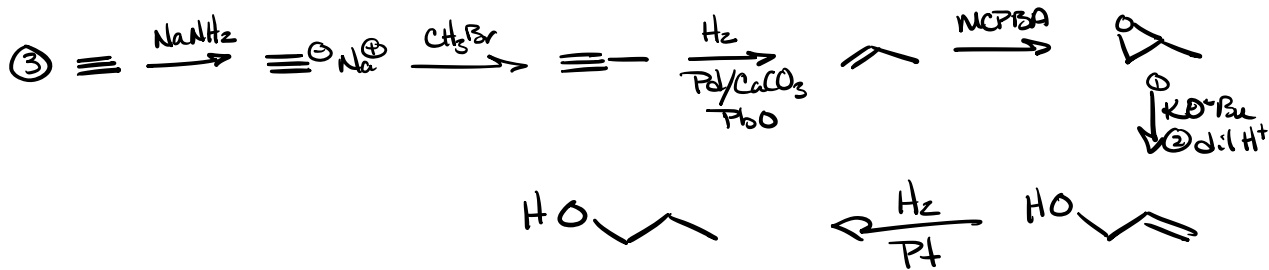
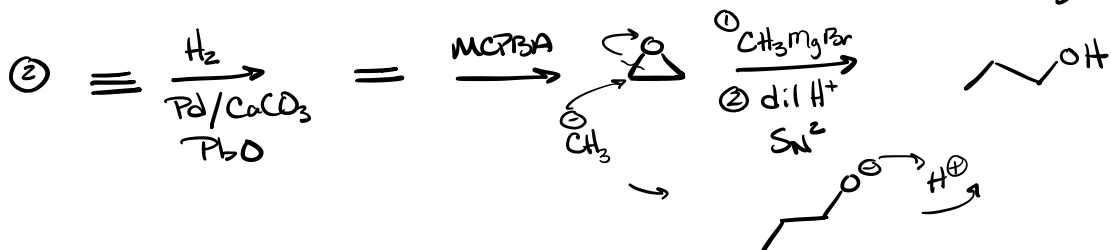
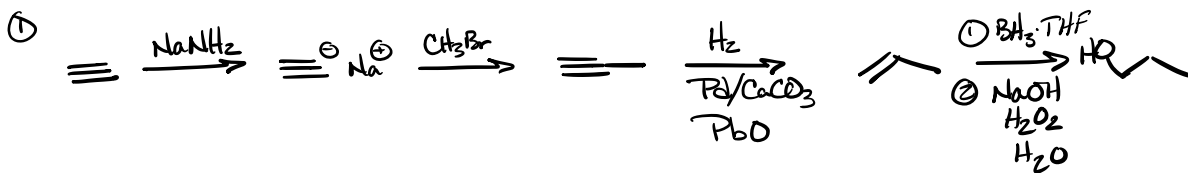
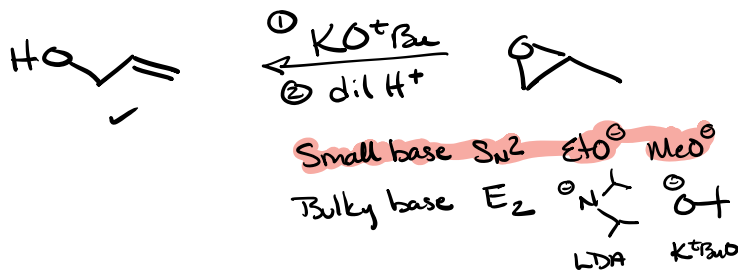
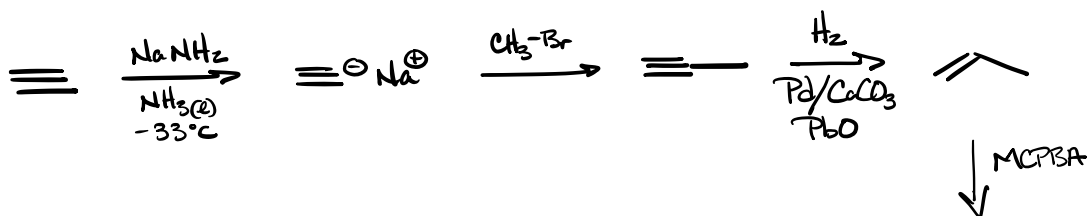
we also always show aldehyde proton.

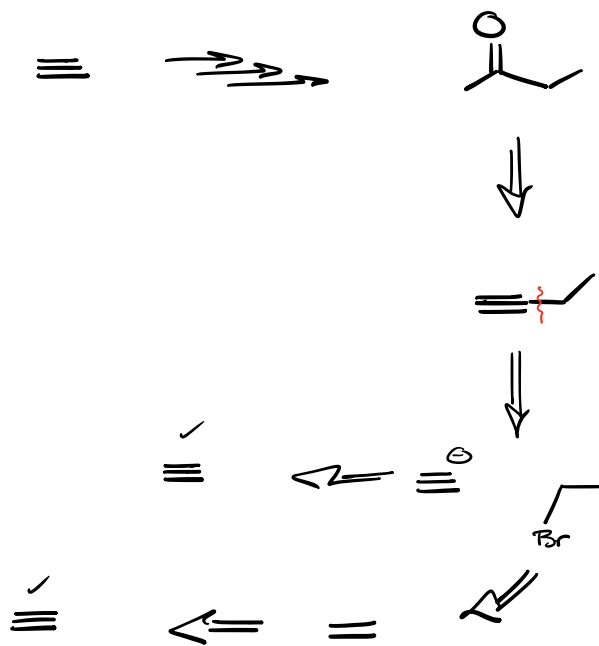
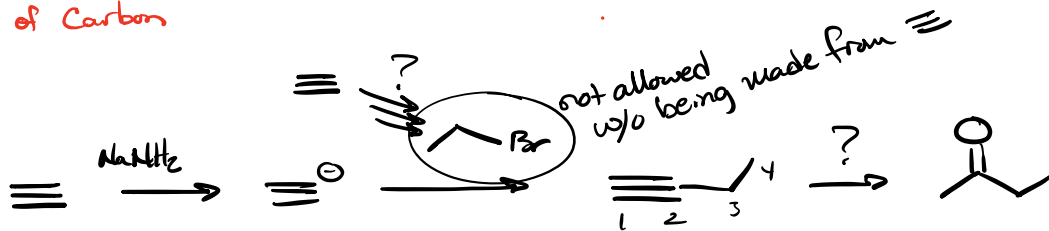
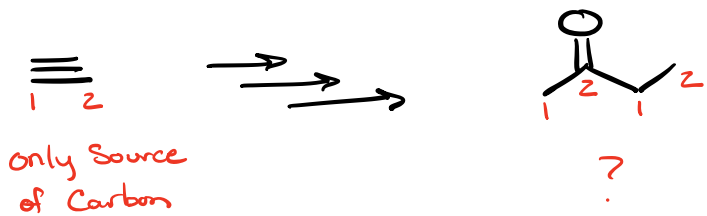




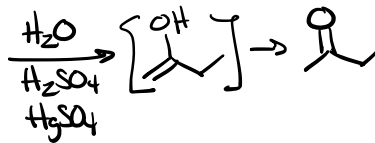
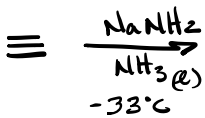
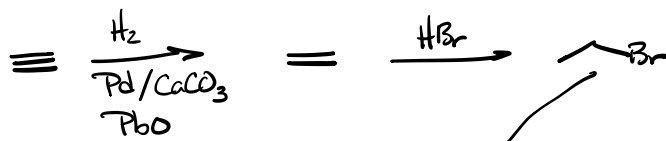


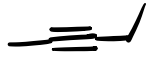
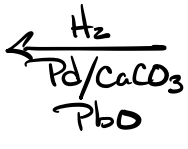
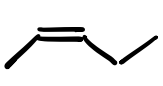
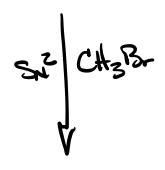
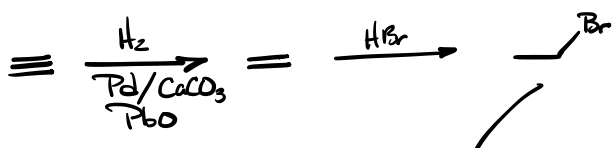
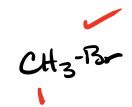
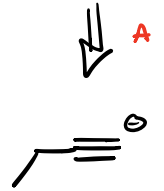
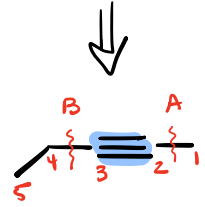
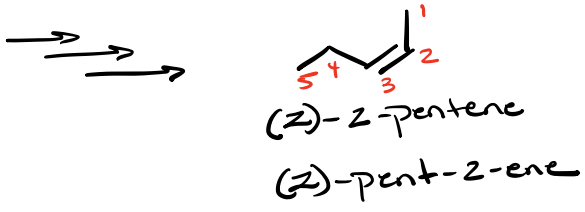
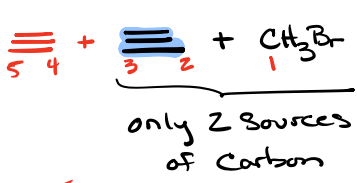
Forward

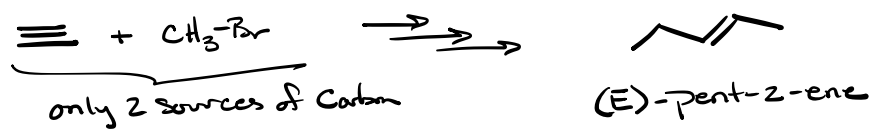




Forward







Same as last Rxn except * last step

