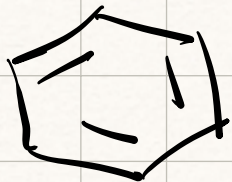
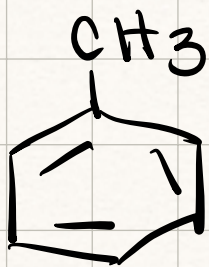


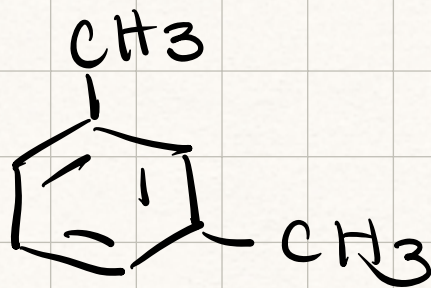
Nomenclature



Benzene



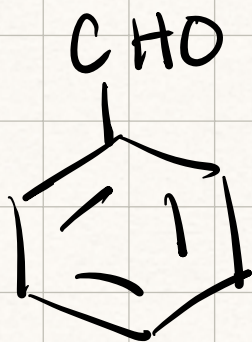
toluene



m-Xylene



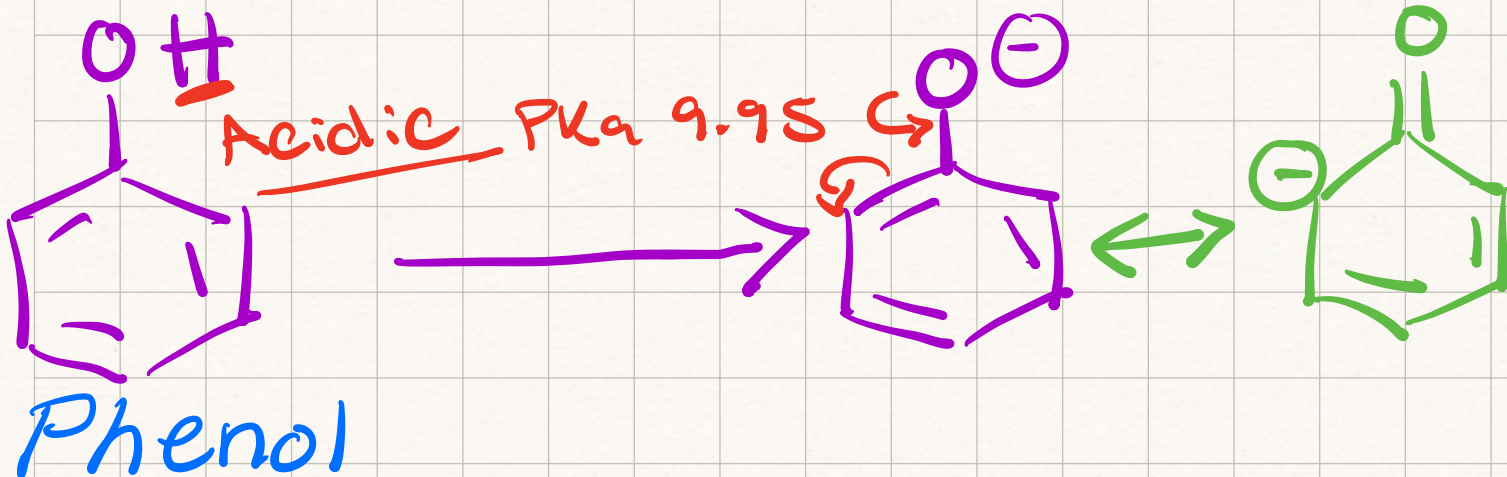
benzoic
Acid



Benzaldehyde

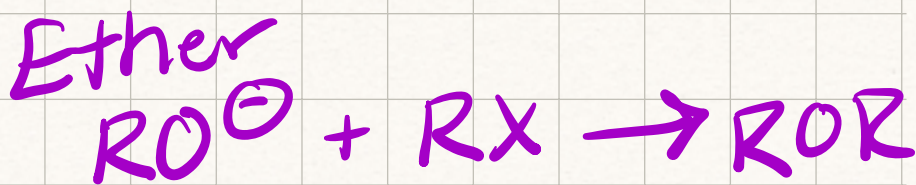
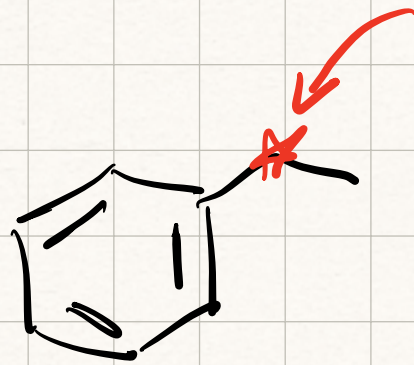


Aniline

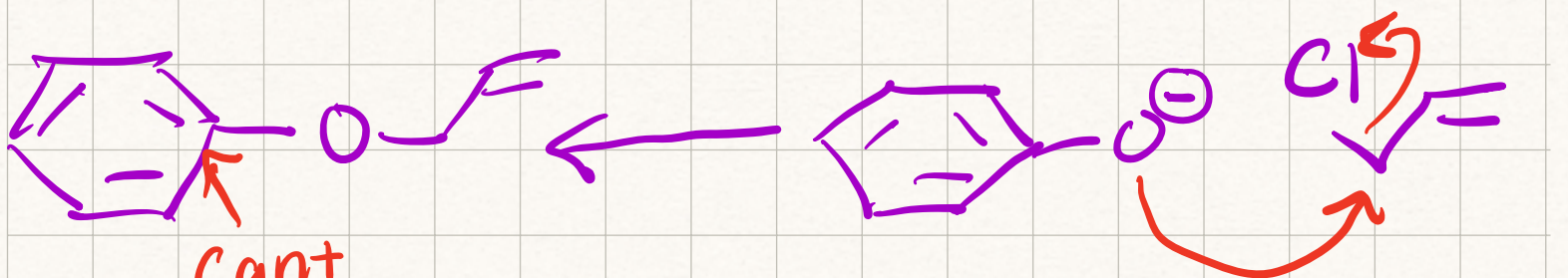
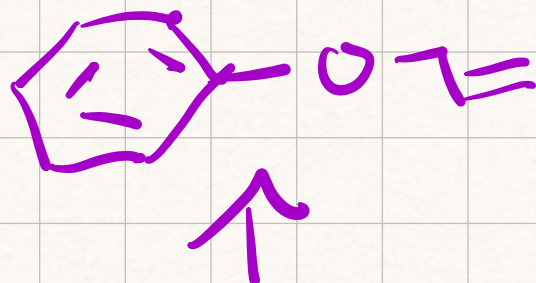


only NaOH will pull off H

Benzylic Carbon



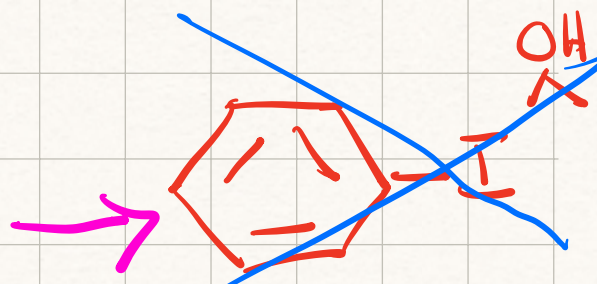
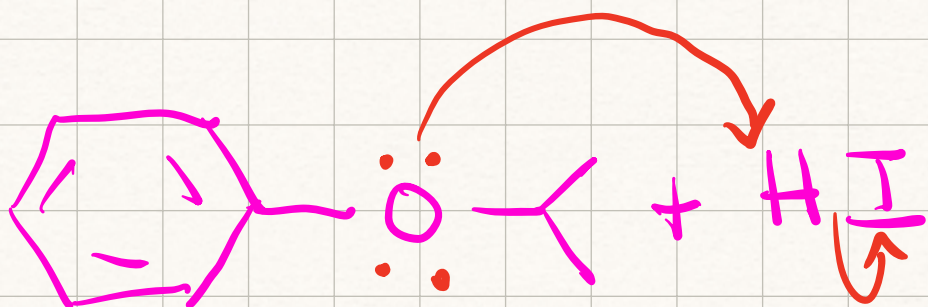
Make Ether:



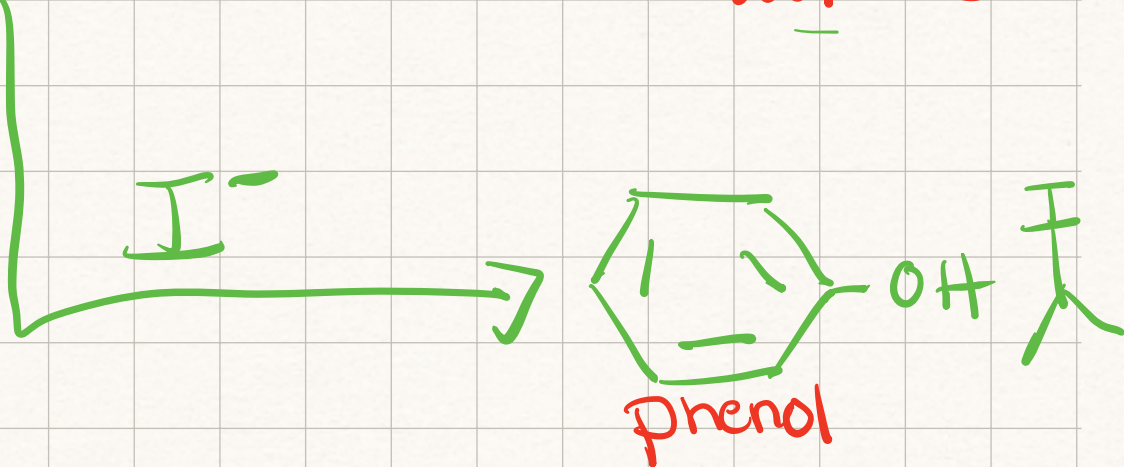
Cant
 DO
 SN2
 BC its
 part of
 Benzene
 Ring



Hydrolize Ether

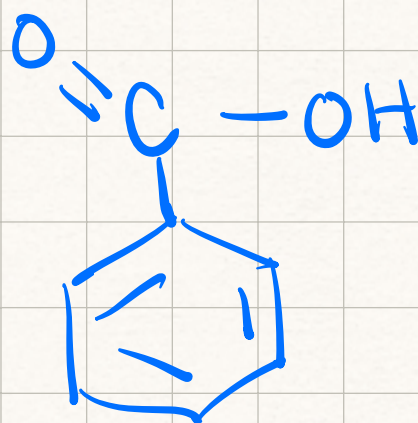
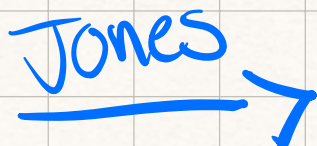
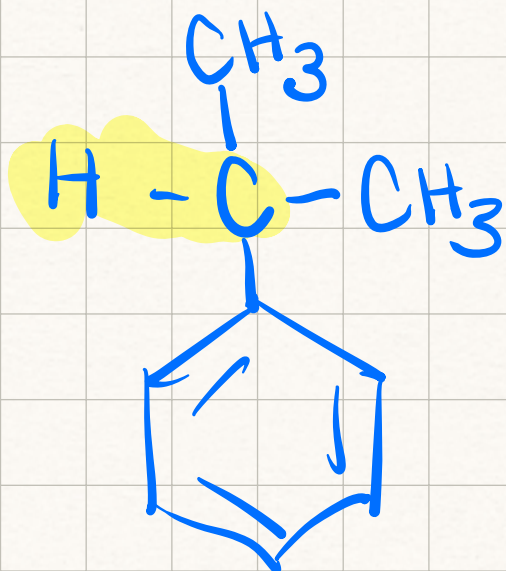
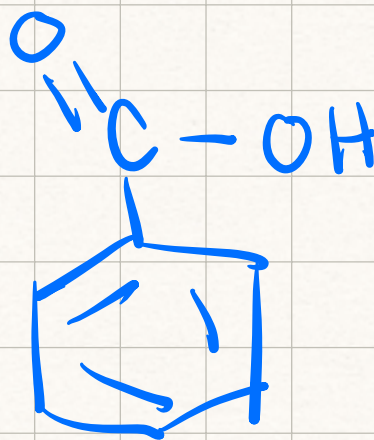
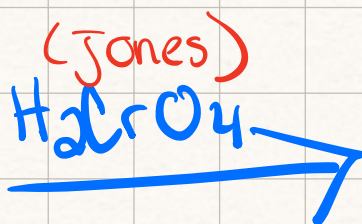


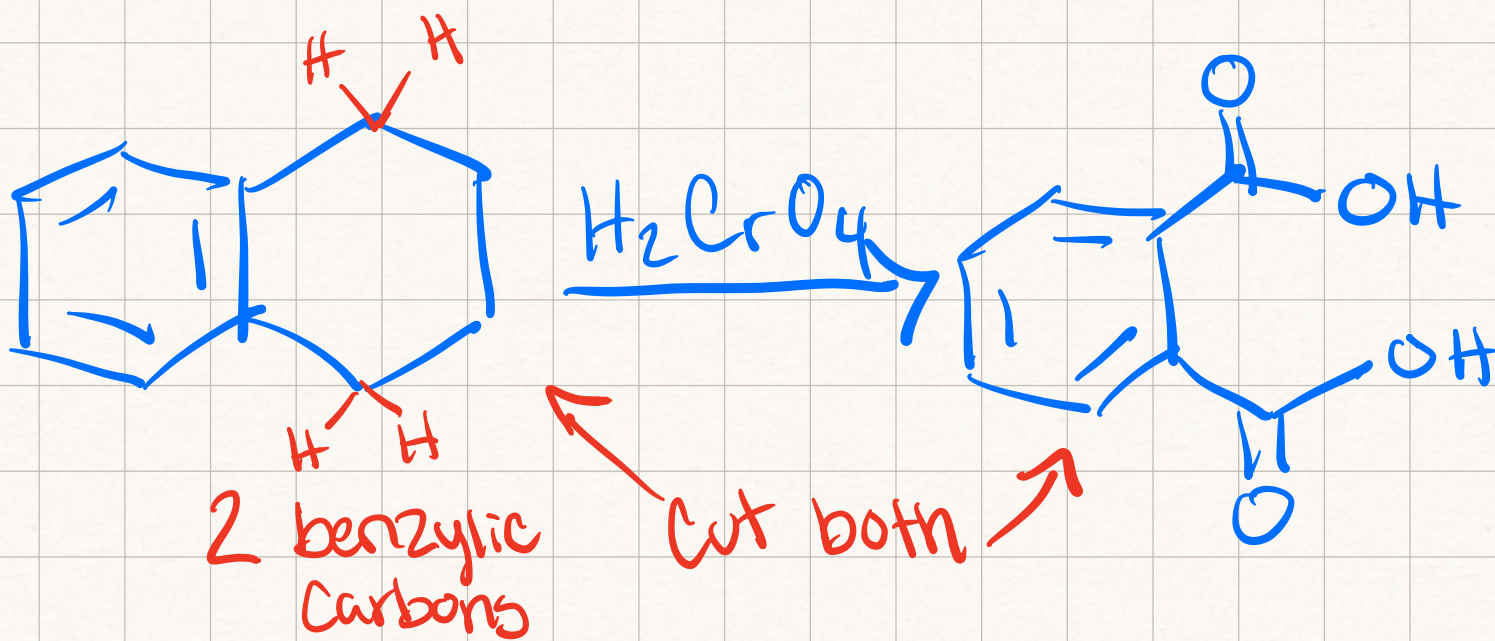
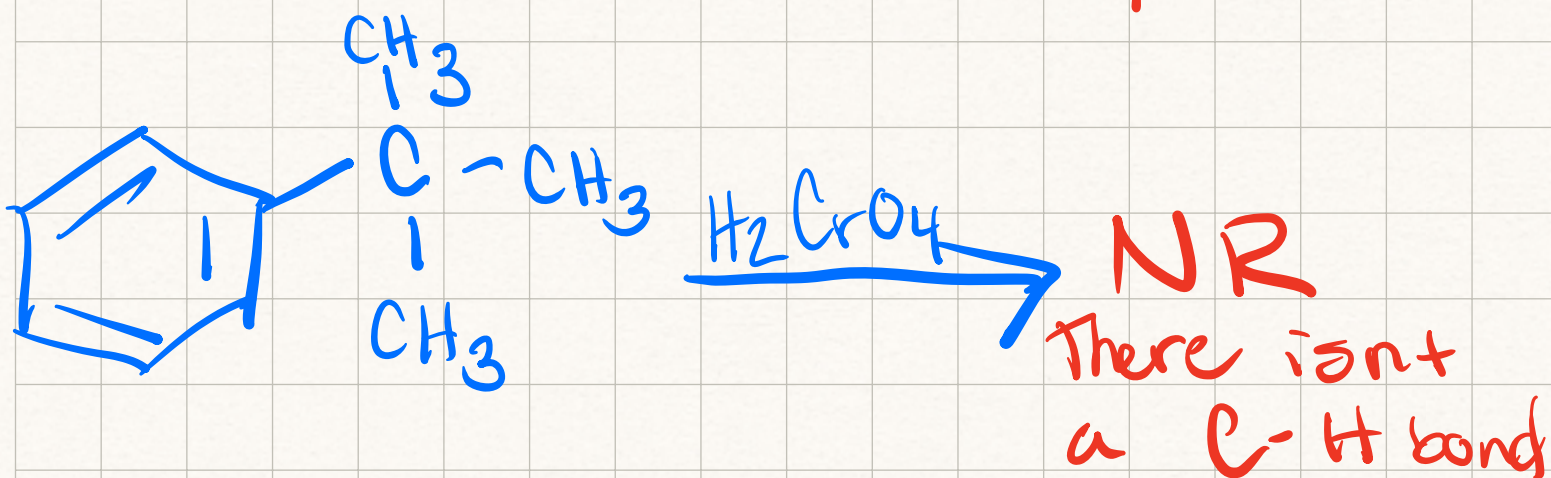
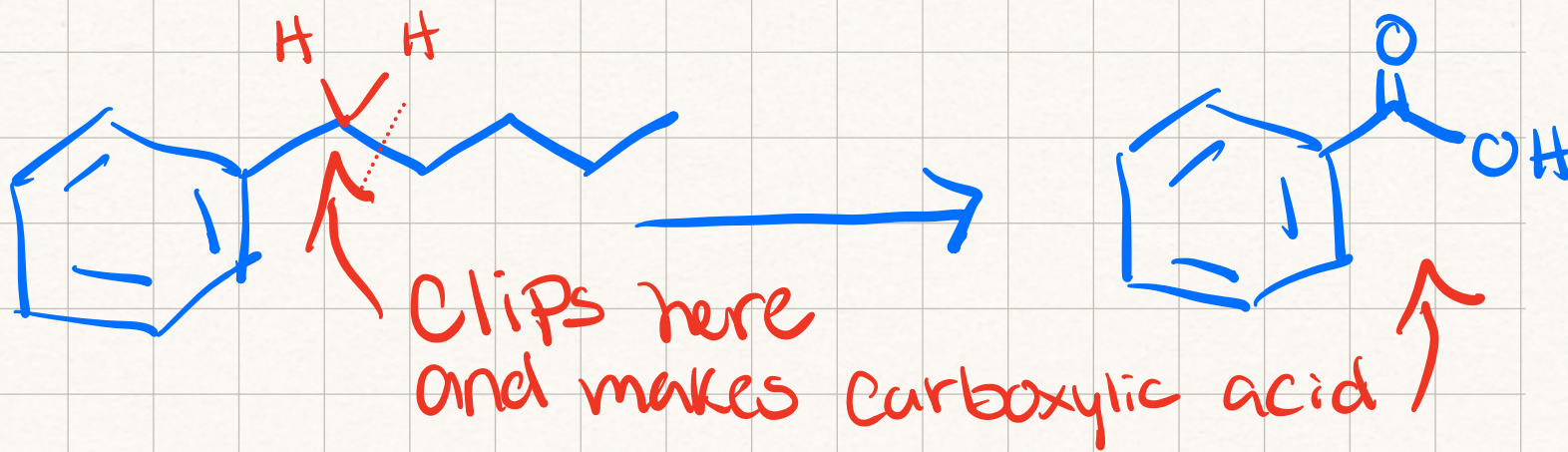
Dont
 want SN2



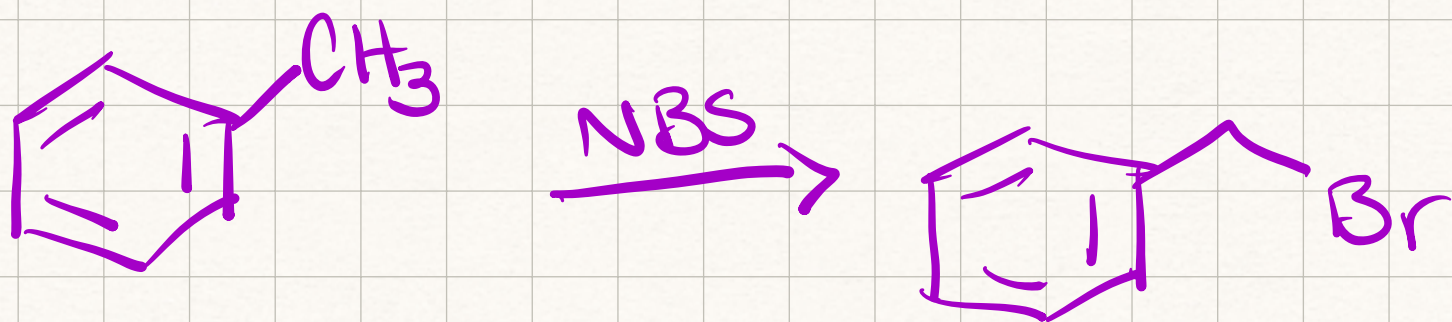
Oxidation at Benzylic Carbon

- Jones
- needs at least 1 C-H
- Oxidizes to carboxylic acid

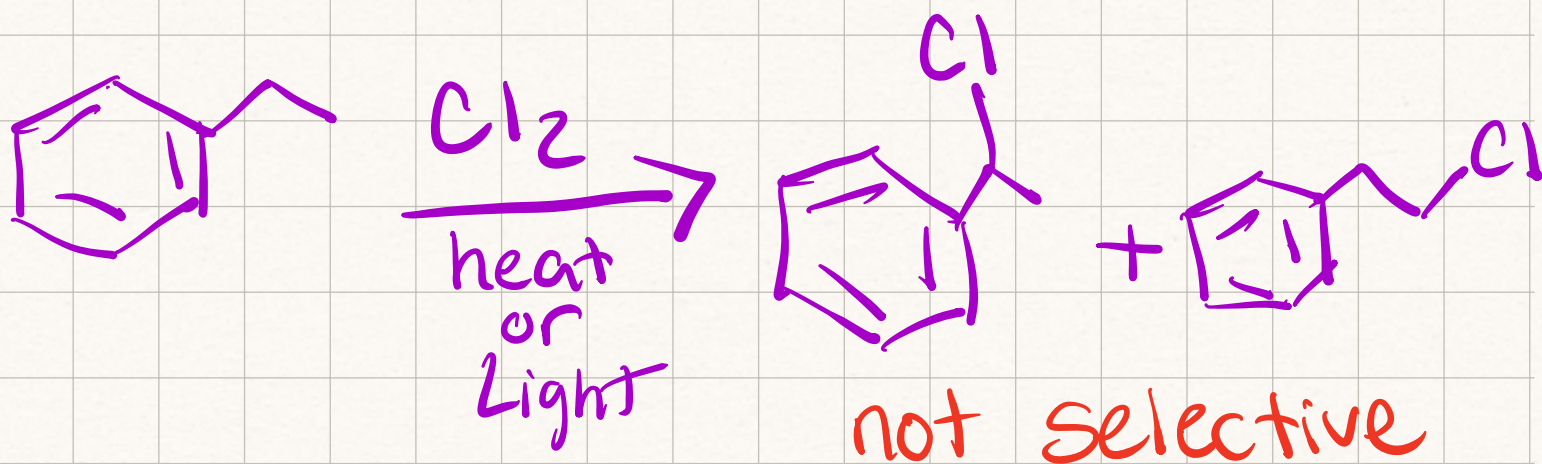




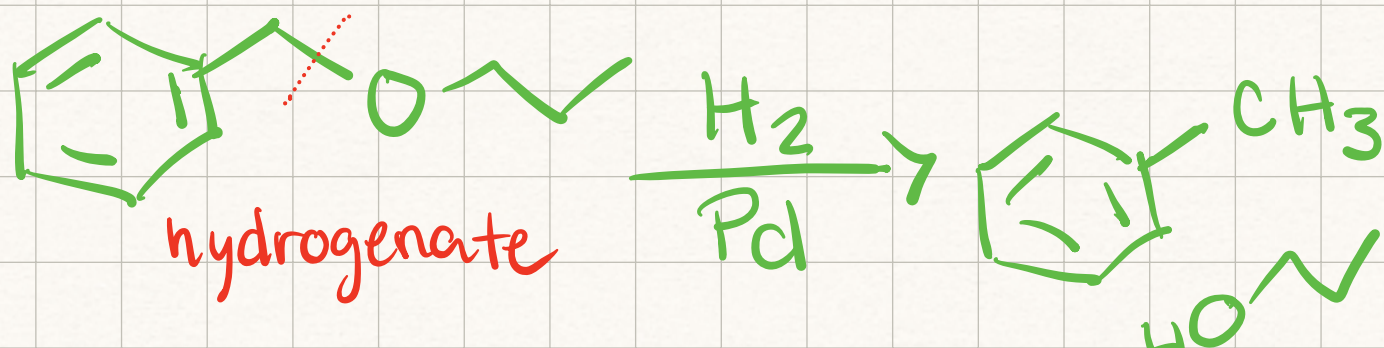
Halogenation at Benzylic Carbon
 - NBS (radical reaction)

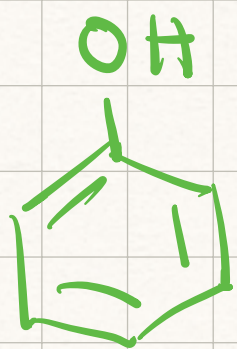


benzylic same as allylic

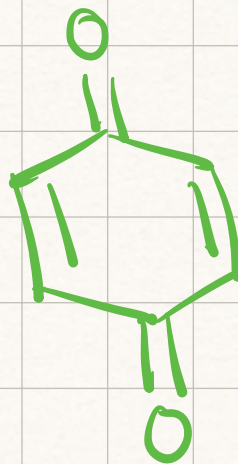


Carbon - Oxygen benzylic



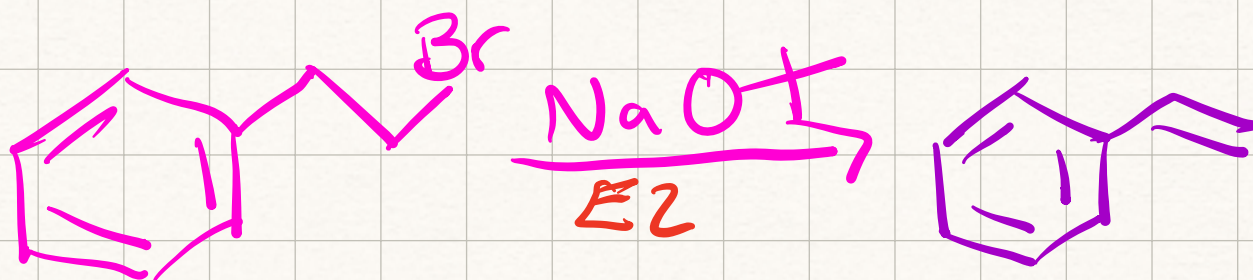
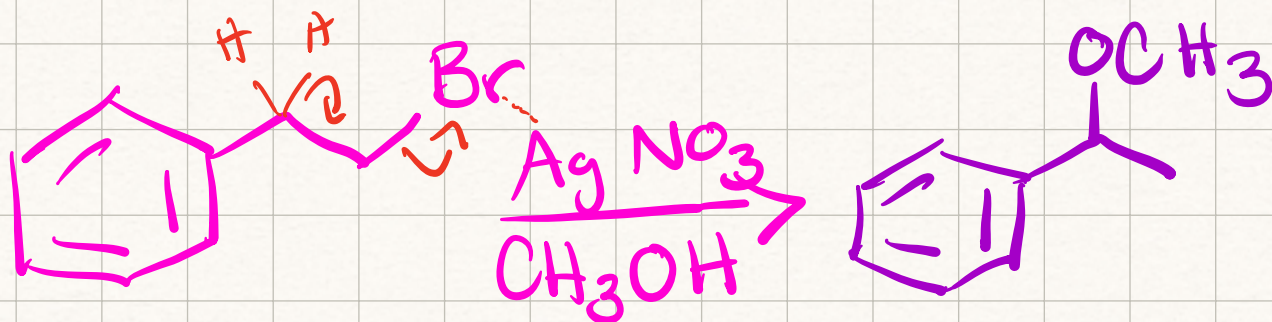
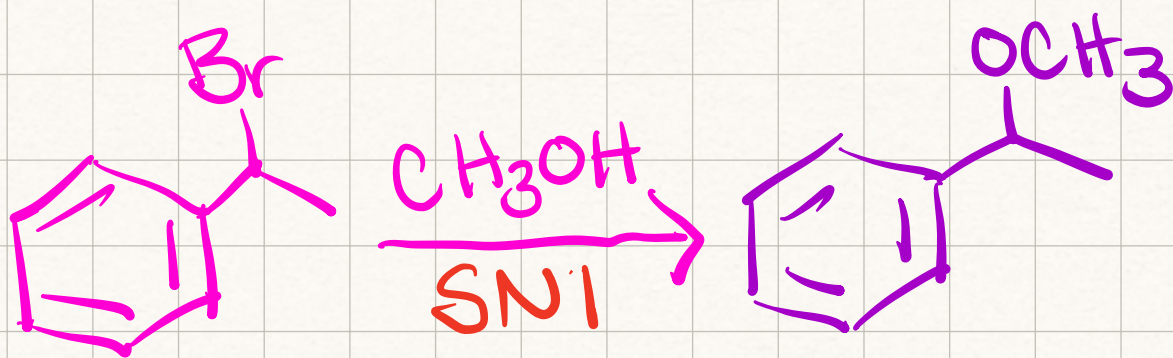


Jones
→



oxidizing Phenol

SN1 + SN2 review w/ Benzylic



Br

