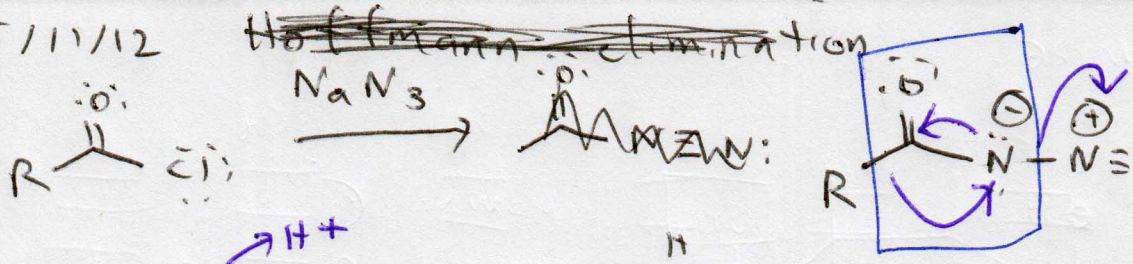
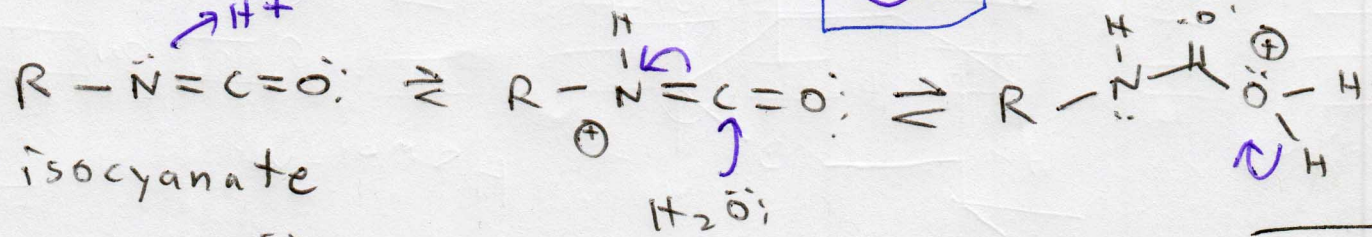
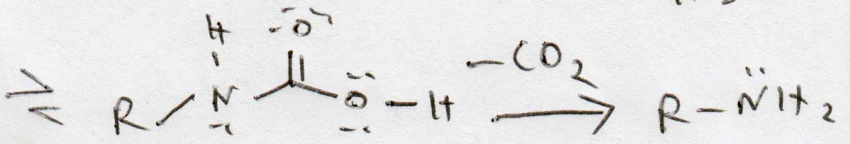
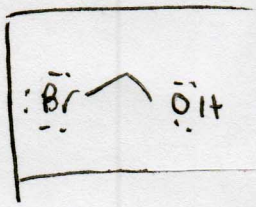
~~Hoffmann elimination~~

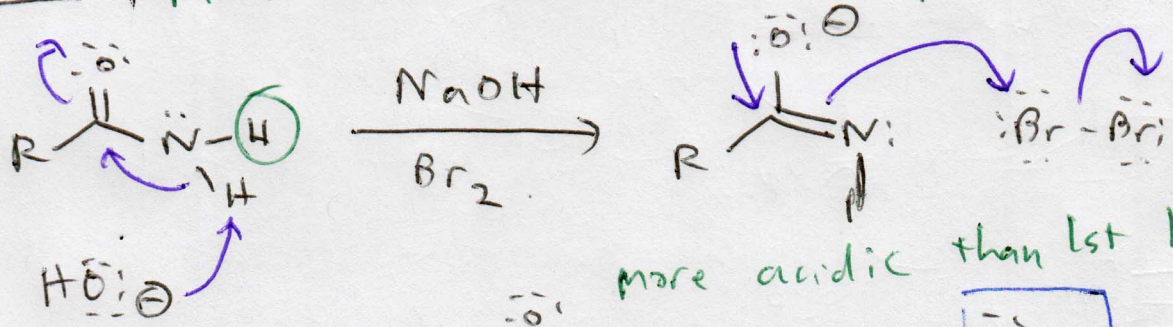




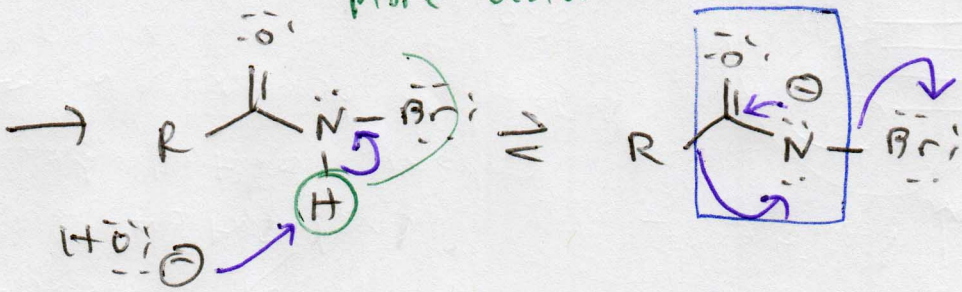


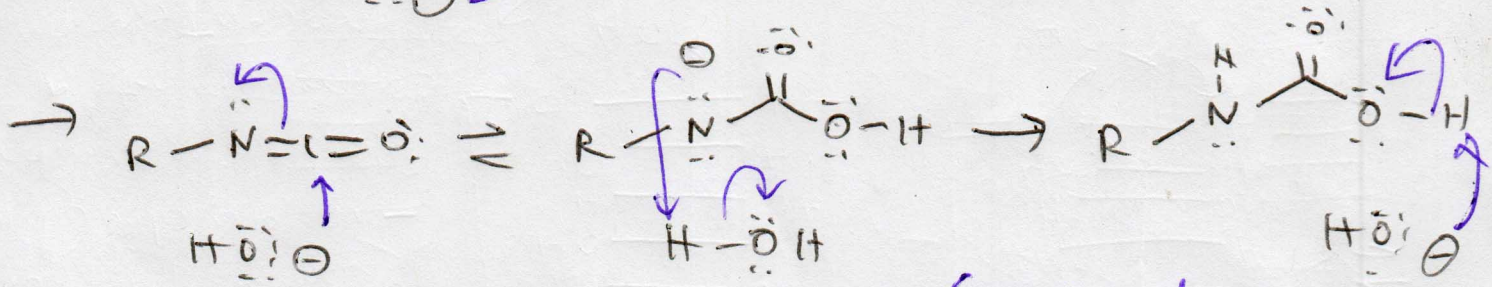


: More acidic than carbon's α-proton

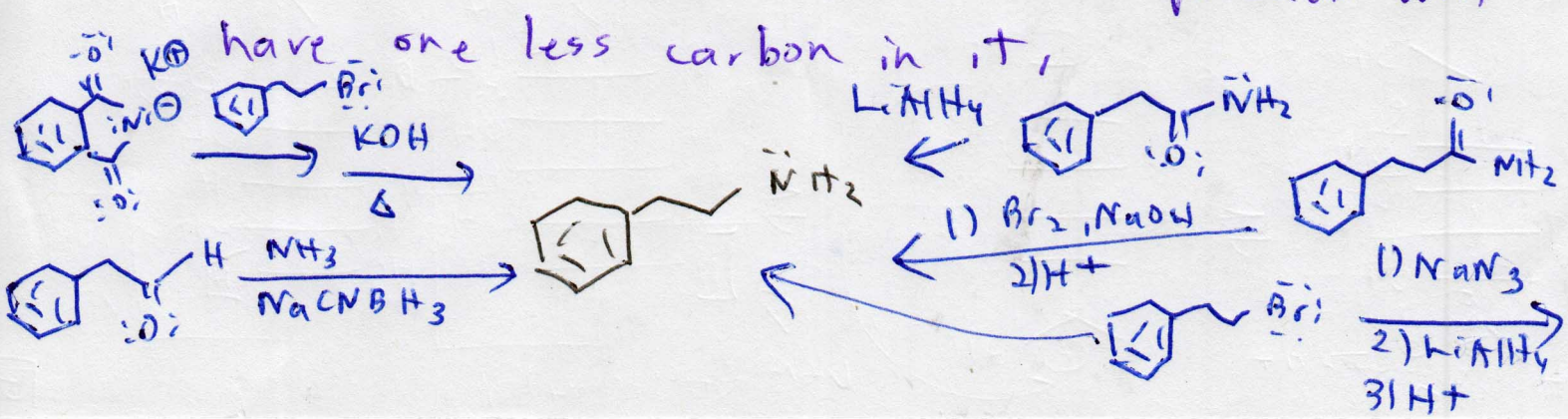


more acidic than 1st H due to induction

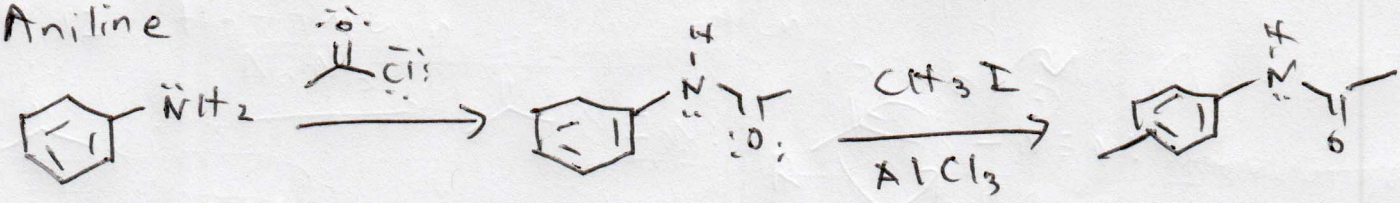




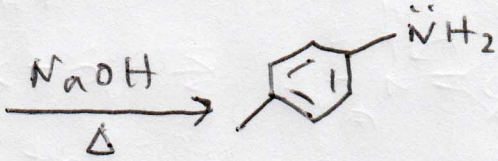
Compared to the starting material the product will have one less carbon in it,



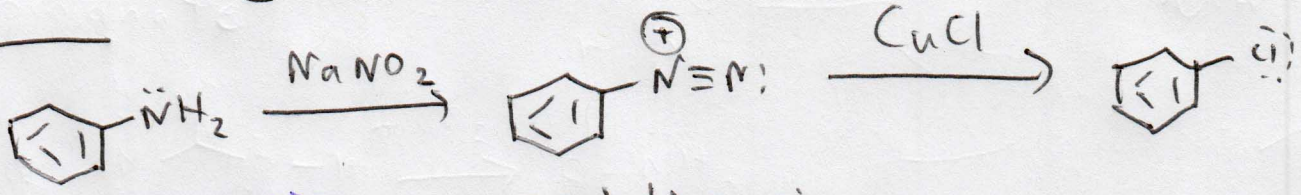
Aniline



too hot!

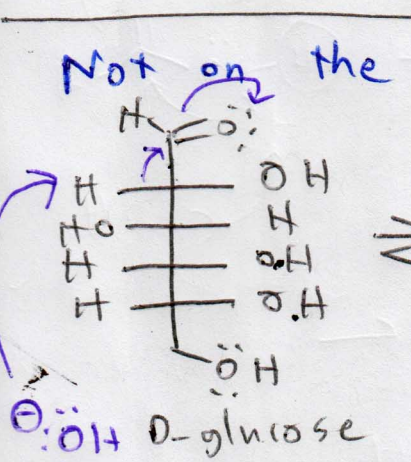


Sandmeyer rxn

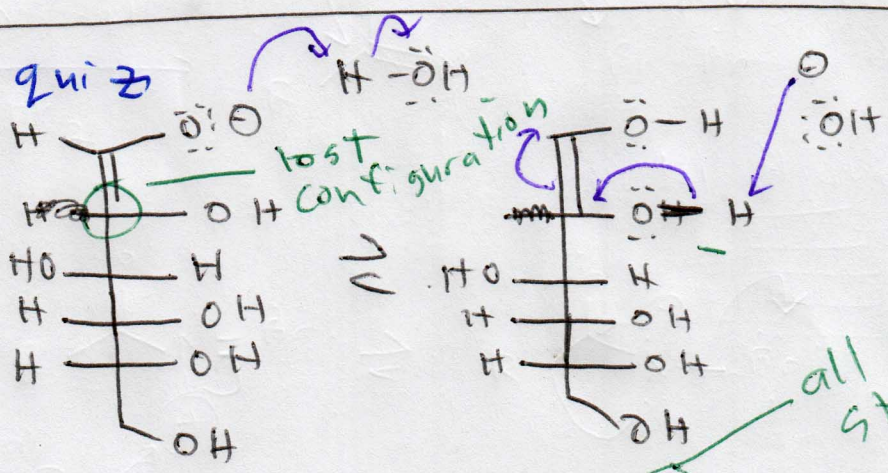


aromatic (benzene ring) ← aryldiazonium salt

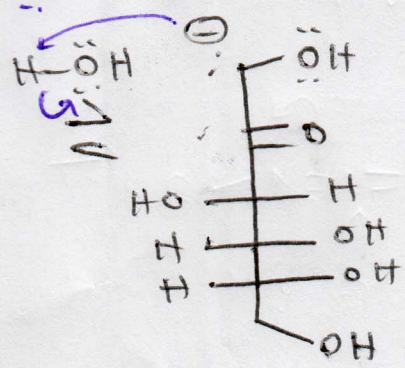
Not on the quiz



D-glucose

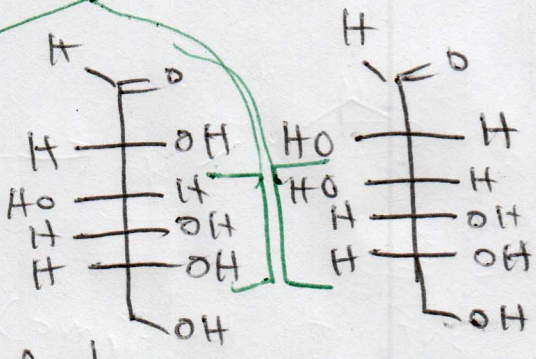


lost configuration

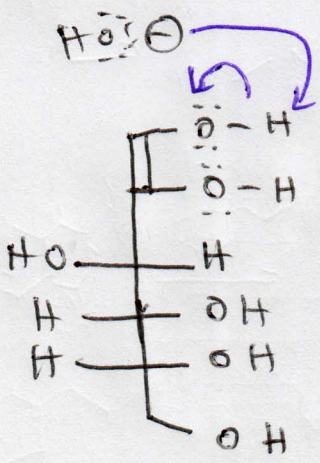


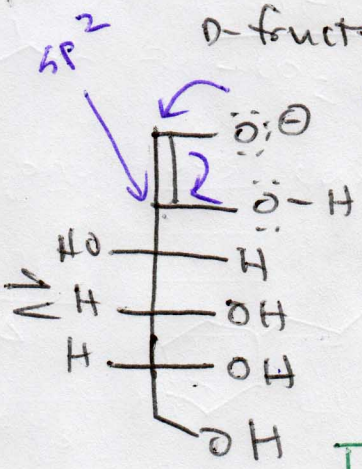
D-fructose

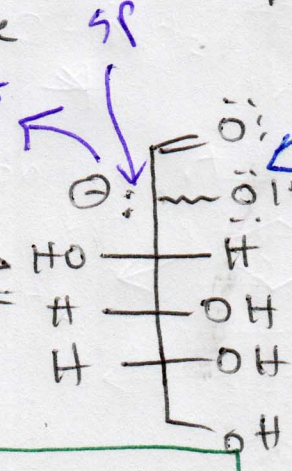
all same stereocenters



D-glucose D-mannose







mutarotation

once the cholate re-tautomerizes, an sp^2 carbon is converted to sp^3, meaning two structures can result.