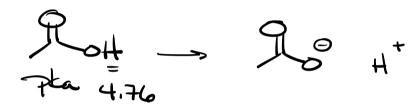
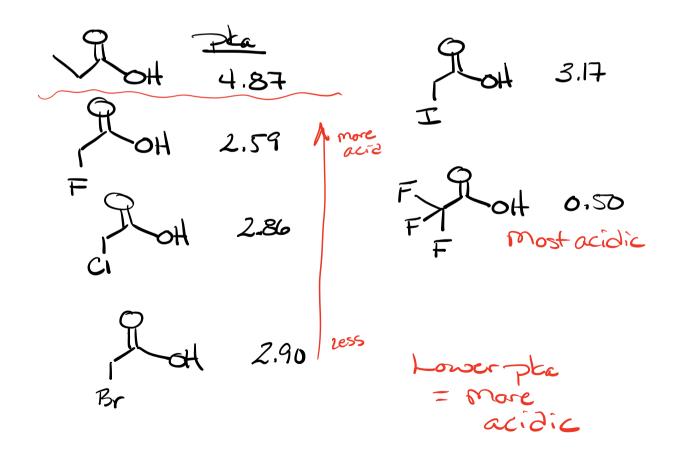
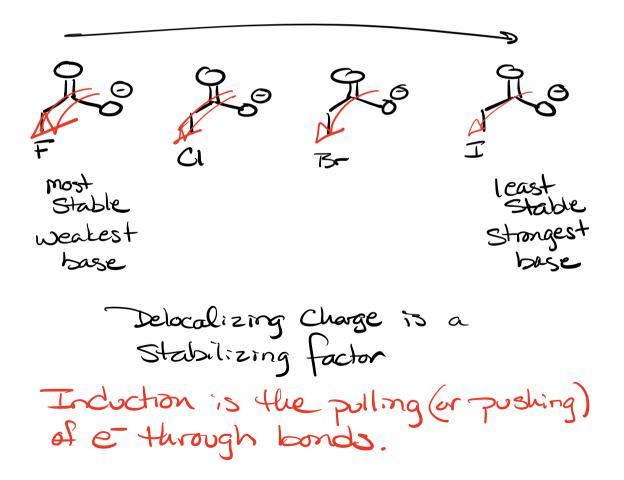
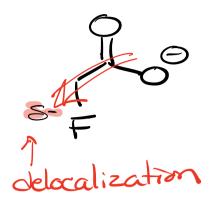
Acid/Base - looked at resonance - looked at Size - looked at EN

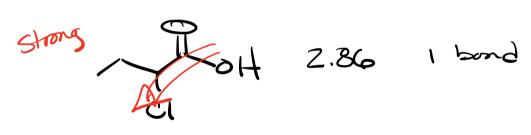




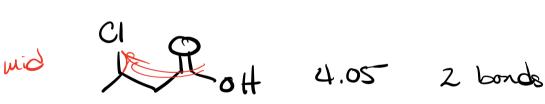




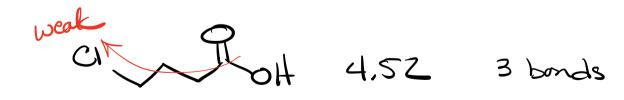












acetic acid more acidic

4.87 Propensic acid what is the nature of the ? methyl grosp?

more acidic

less acidic

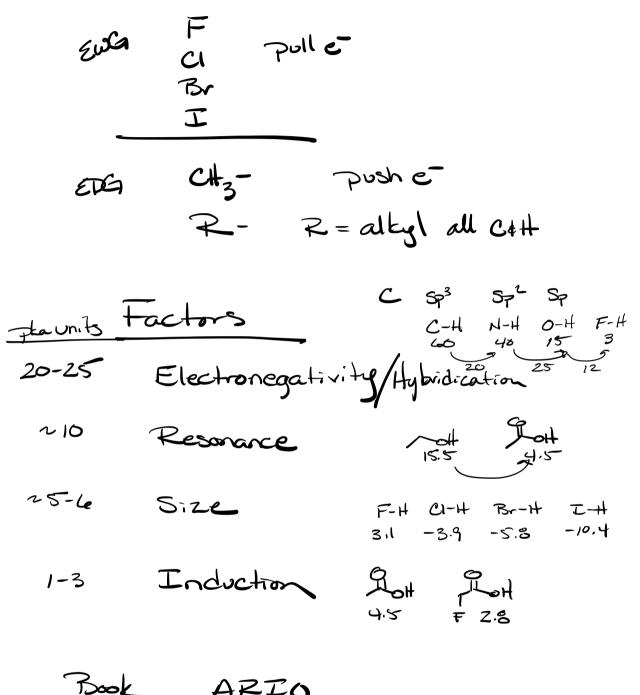
₩Ð

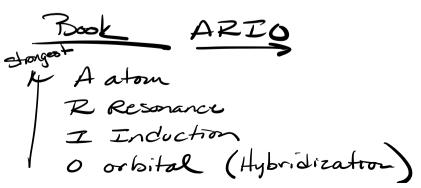
more Stable Water base More delocalized

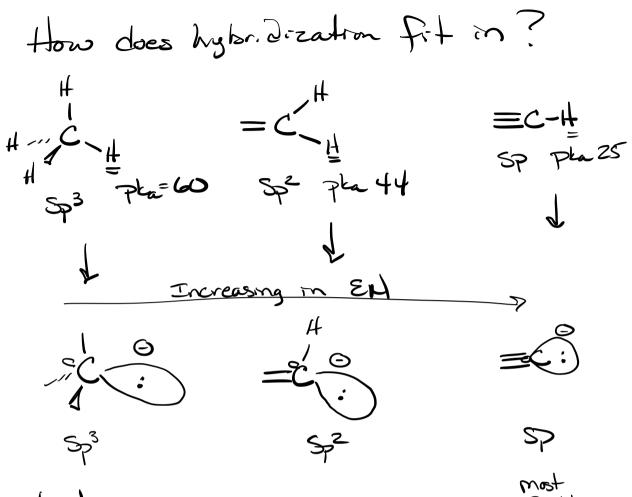
H CHZ 0 less stable Stronger base

-> less debcalized

CH 5h Electron density localizing Charge less stable Stronger base



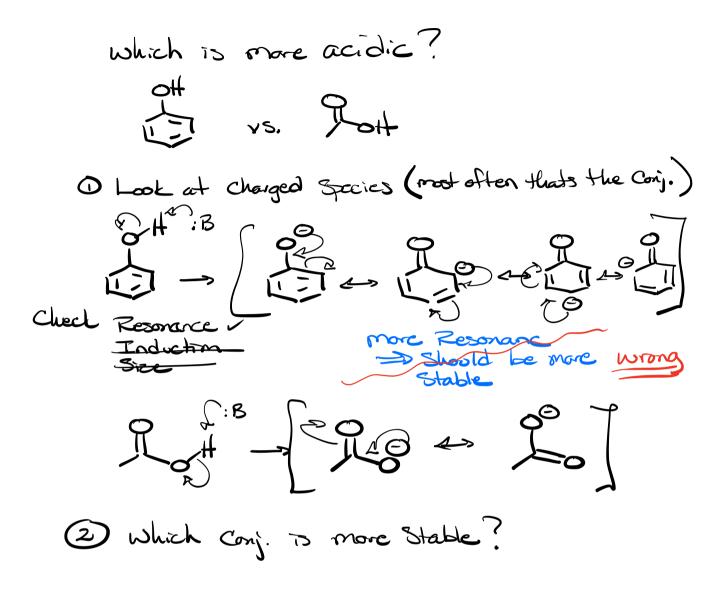


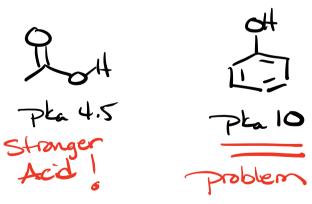


least

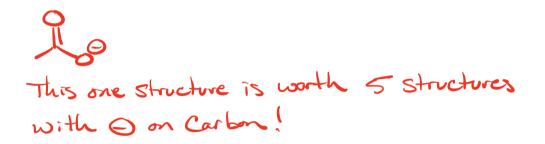
most Stable

C-H	M-H	0-4
60	40	15.5

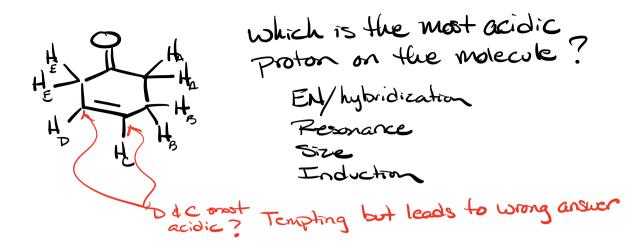


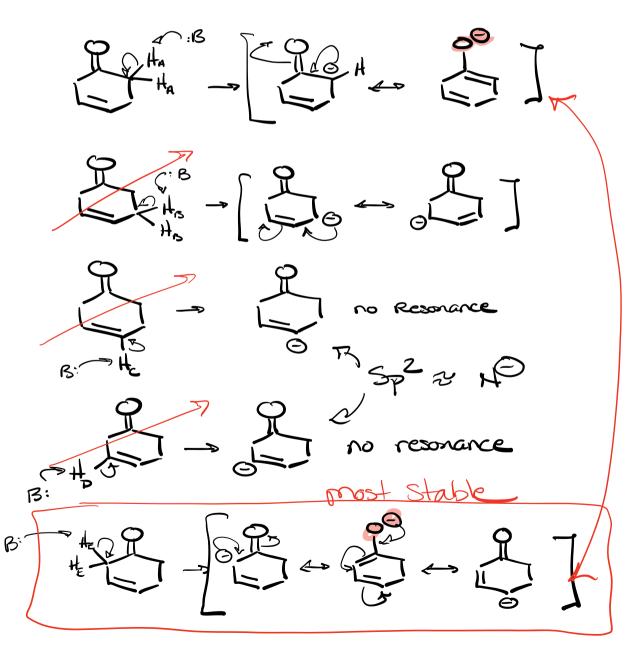


$$-0$$
 is way way more stable than $\alpha - c^{\Theta}$ due to εN !



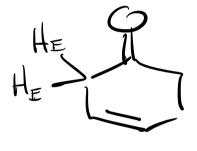
Cannot just Count resonance contributors We have to look at where the negative is and add weight to our individual Structures



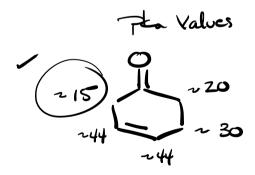




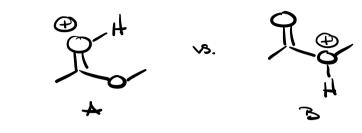
CNOF

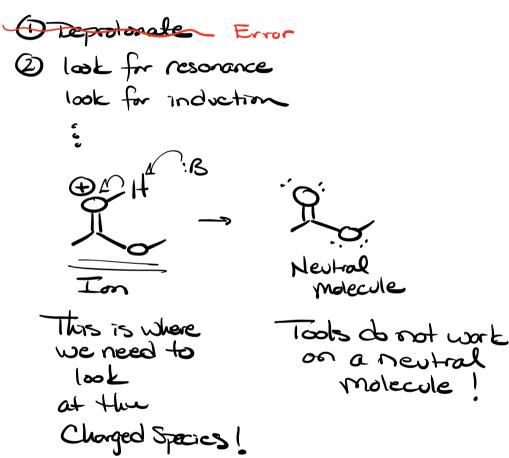


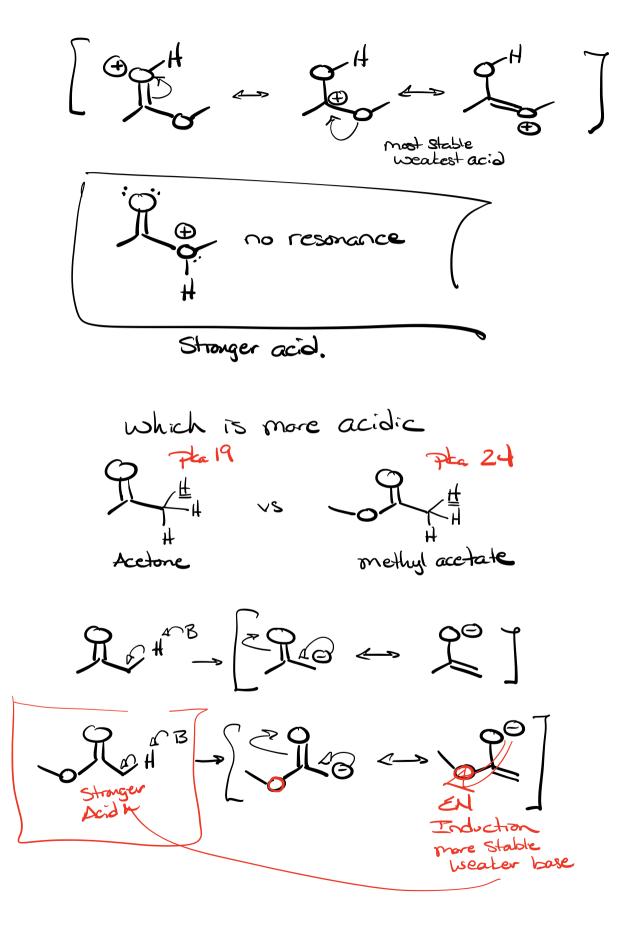
the conjugate base of HE is most Stable, least reactive and the weakest base. This makes HE the most acidic proton !

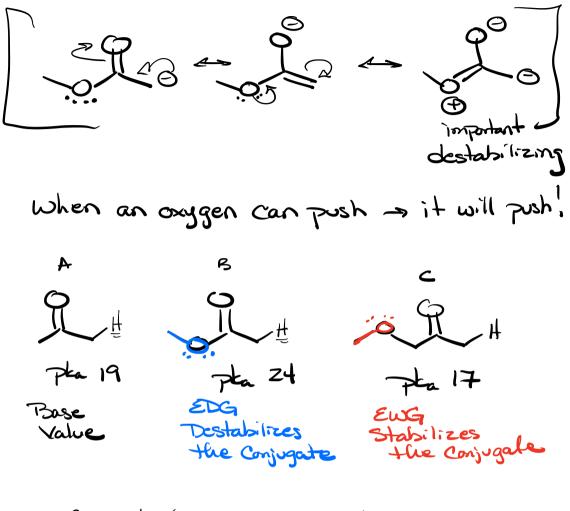


which molecule is most acidic?









Connectivity Can Change how a group Functions!