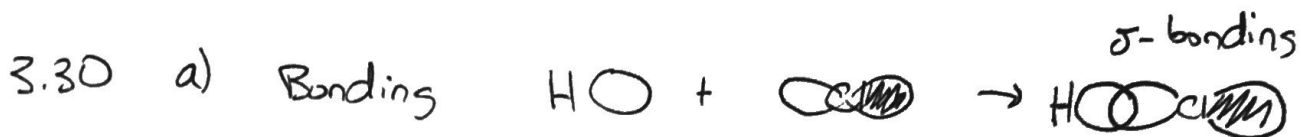


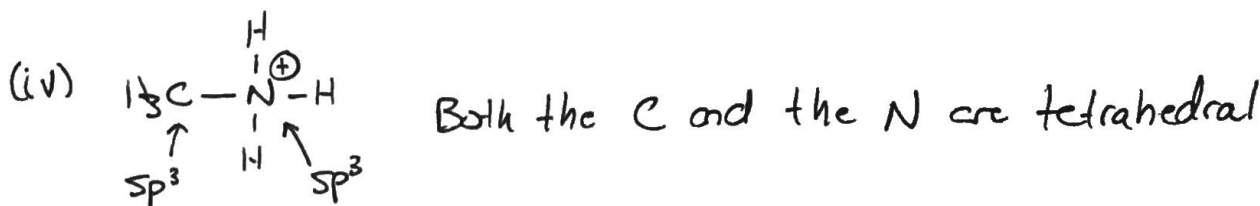
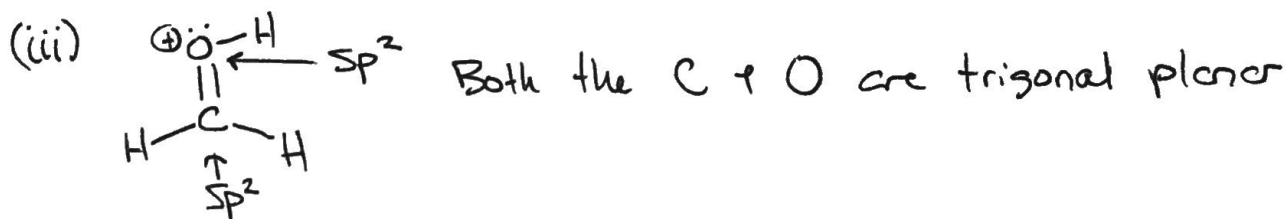
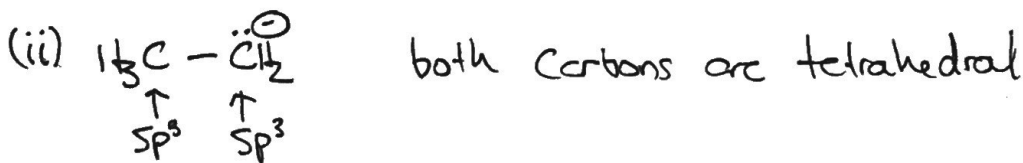
# Intro to Orbitals - HW Solns

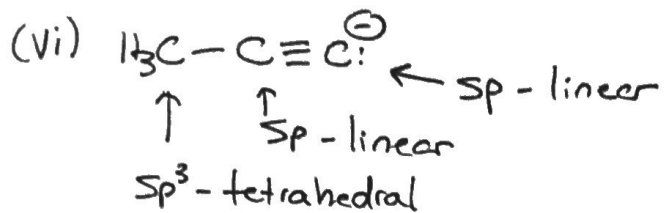
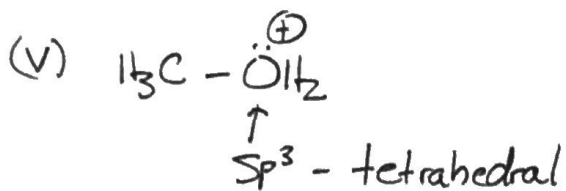


b) Overlap is along the bonding axis so both have  $\sigma$  symmetry.

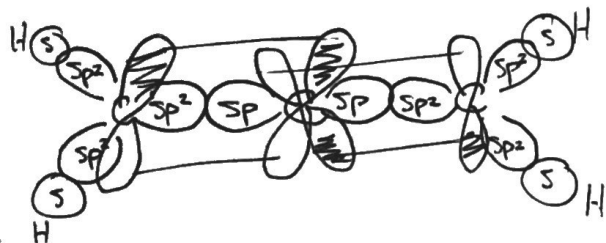
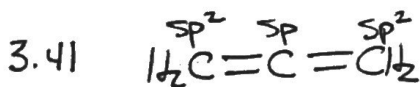
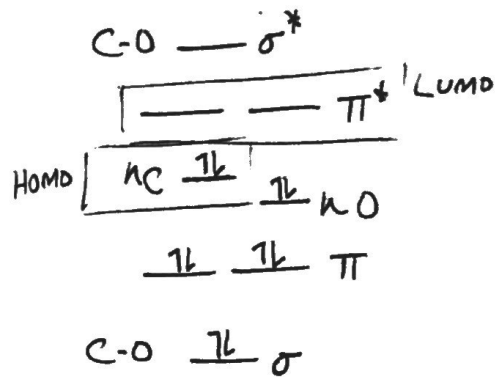
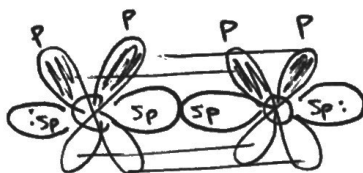
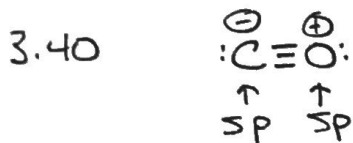


b) These MOs have  $\sigma$  symmetry





3.37 There are 4 e<sup>-</sup> in π MO's.



Recall:

