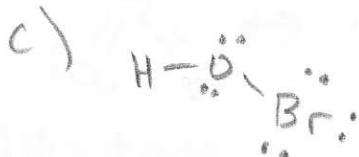
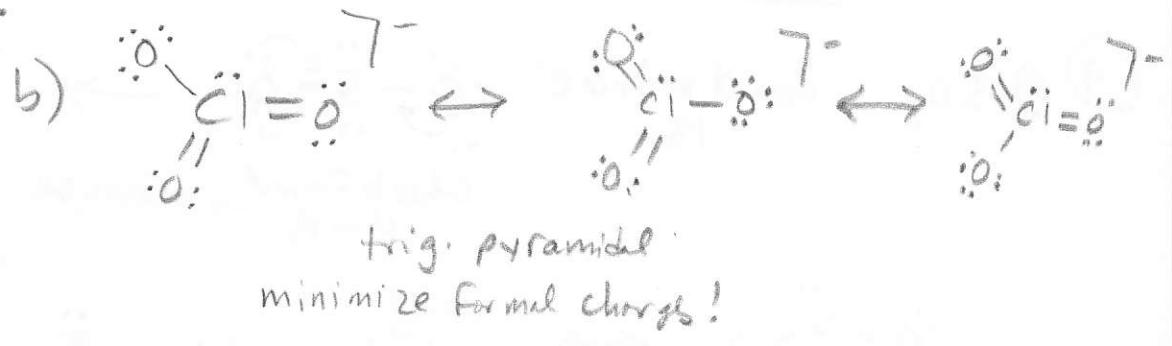
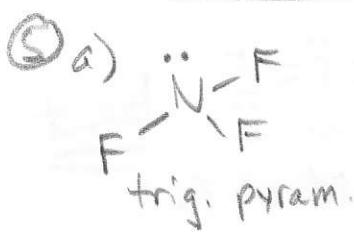
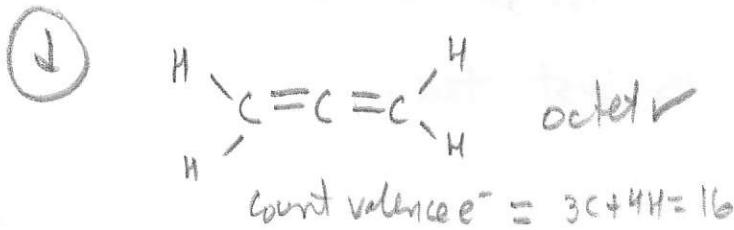
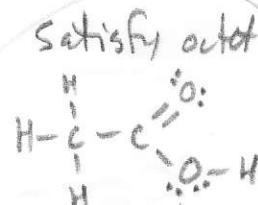
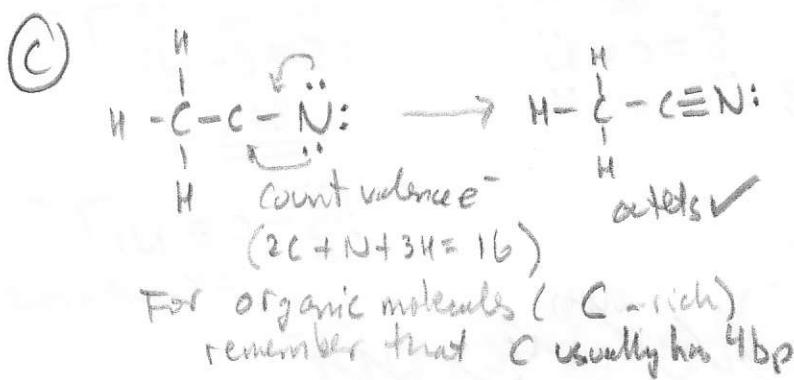
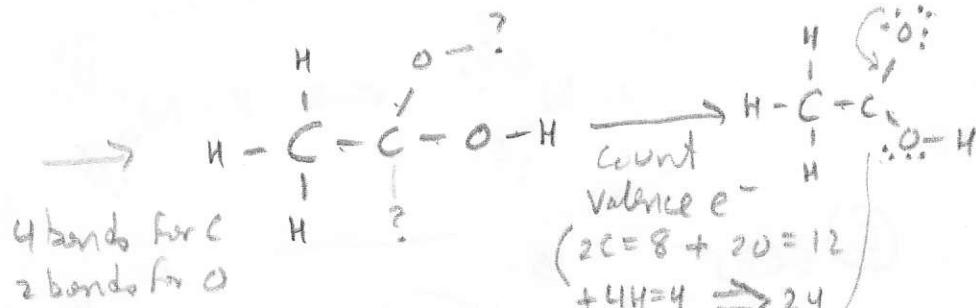
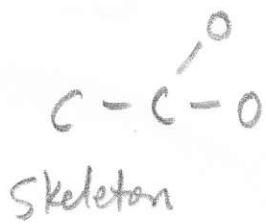
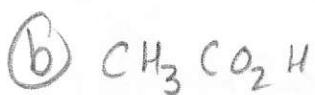


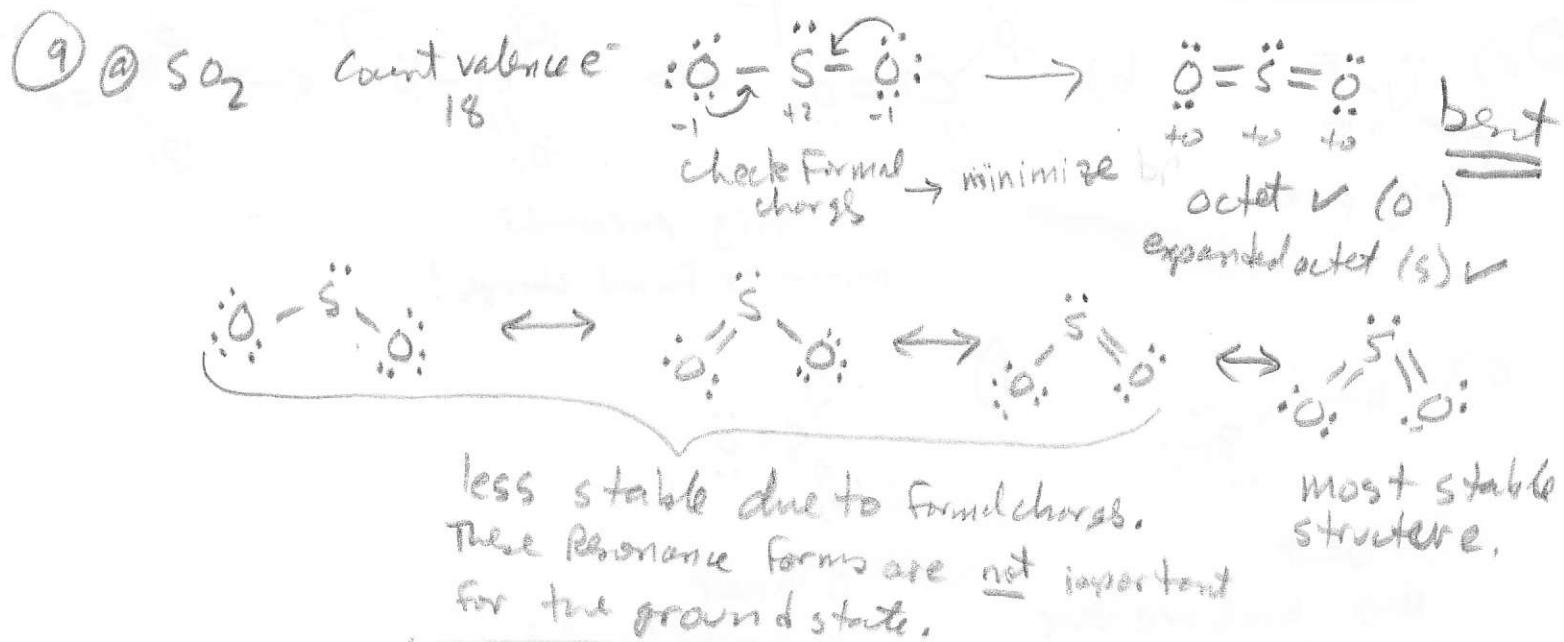
Ch 8

bent
H-O bonds are very common!

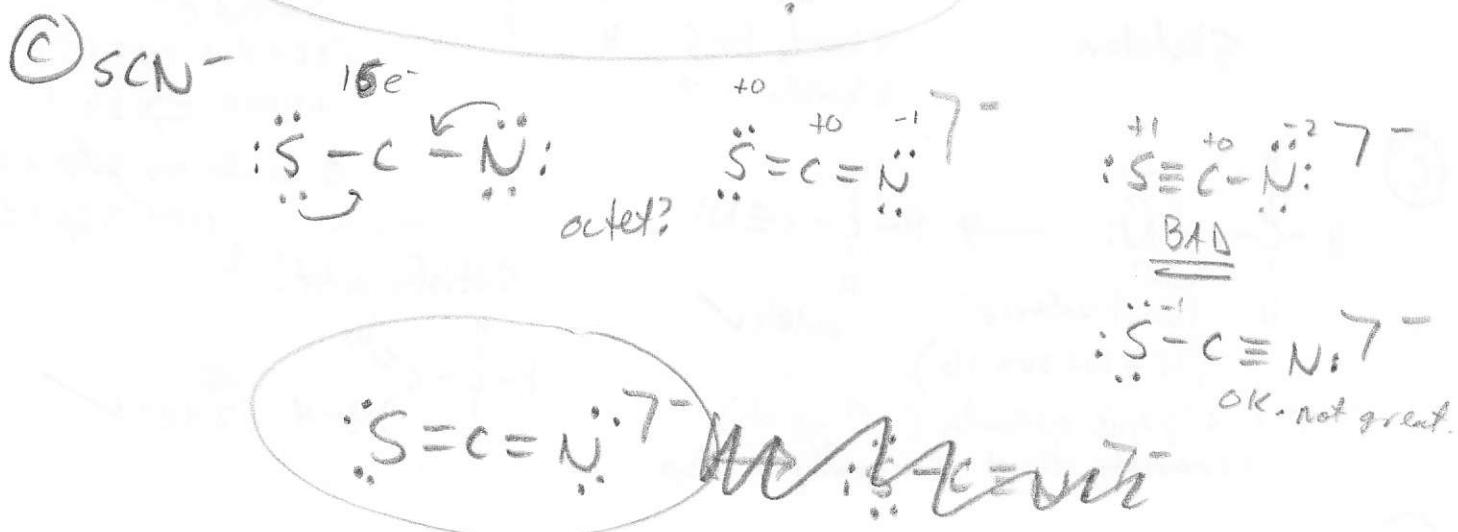
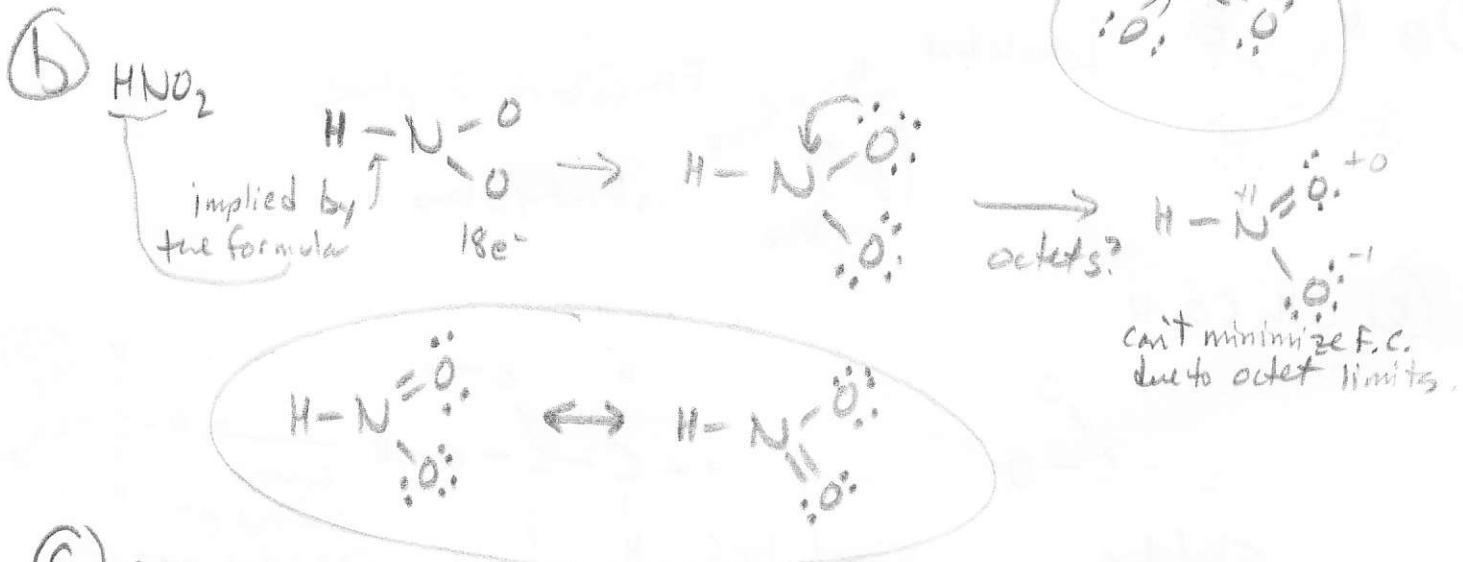


planar
minimize formal charges.



Ch 8

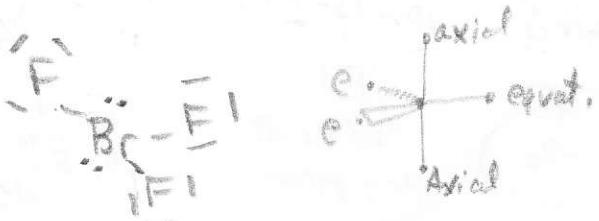
[The best answer] →



Best answer is just this.

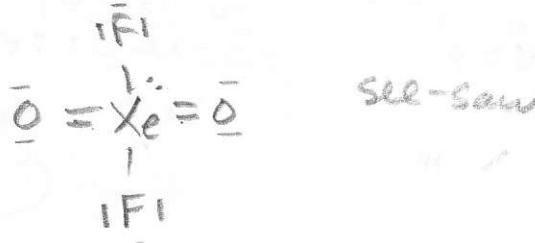
Ch 8

⑪ a) BrF_3



trigonal planar

② XeO_2F_2

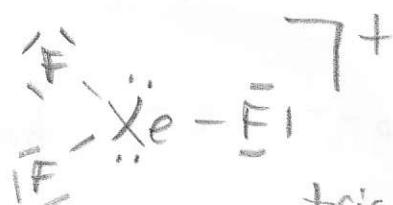


b) I_3^-



linear

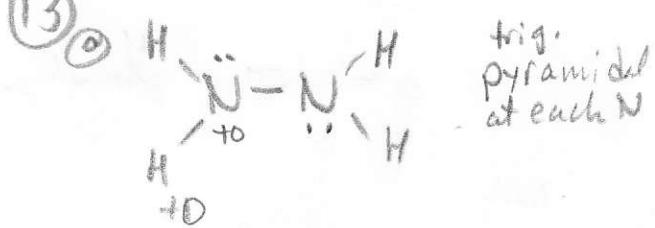
c) XeF_3^+



trig. planar

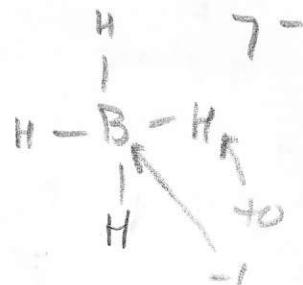
lp occupy more space than bp!

③



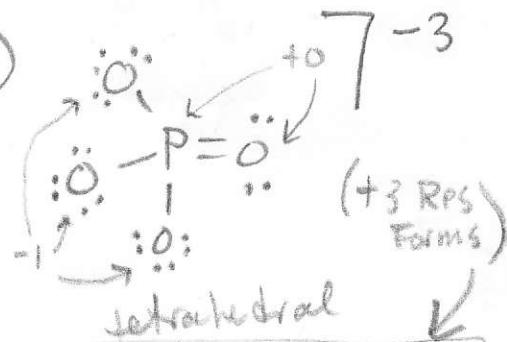
trig.
pyramidal
at each N

④



tetrahedral

b)



(+3 RPS)
Forms

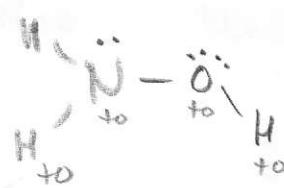
tetrahedral

average Formal Charge

each P: +0

each O: -3/4

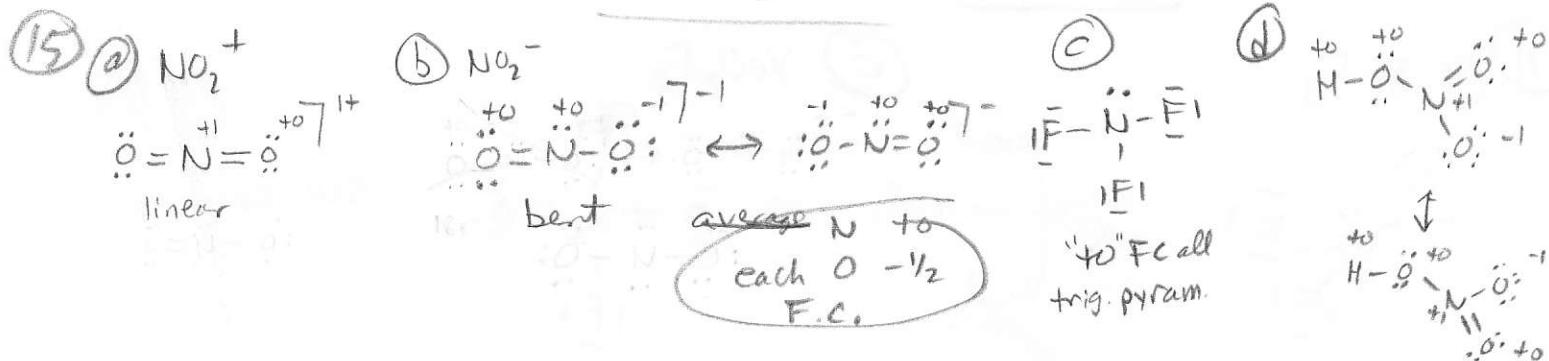
d)



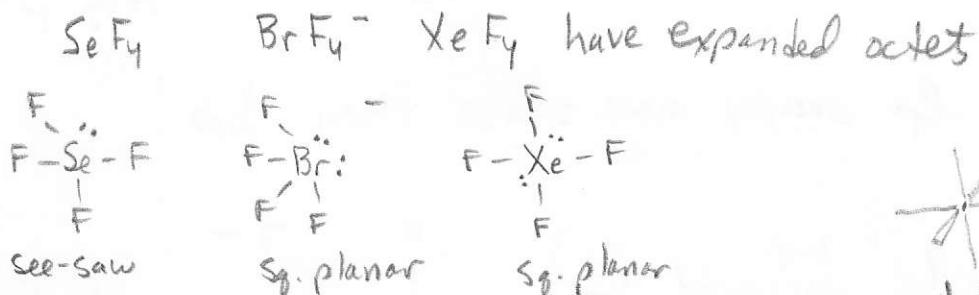
bent

trig. planar @ N

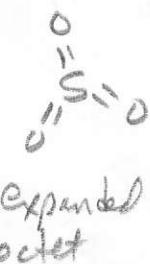
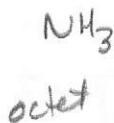
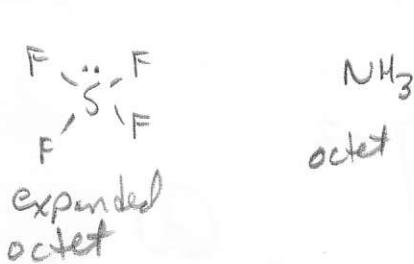
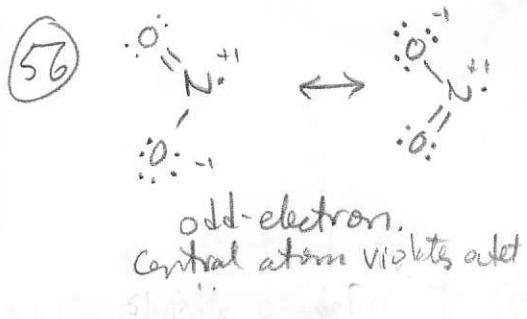
Ch 8



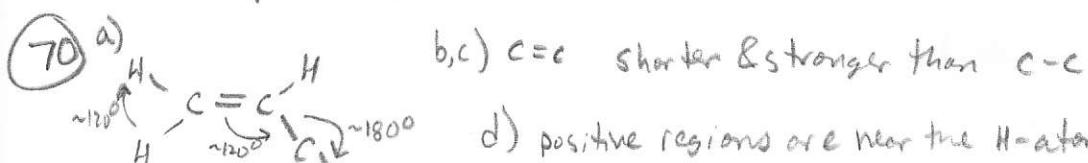
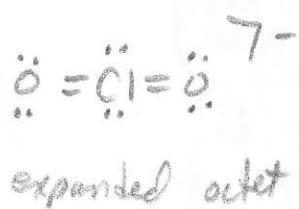
(55) octet? BF_4^- SiF_4 have octets



~~X~~
 octahedral e^- geometry.



odd-electron
 central atom expanded
 past octet



- d) positive regions are near the H-atoms. Neg Region near the N
- e) C≡N bond is Most polar
- f) yes, the molecule is polar