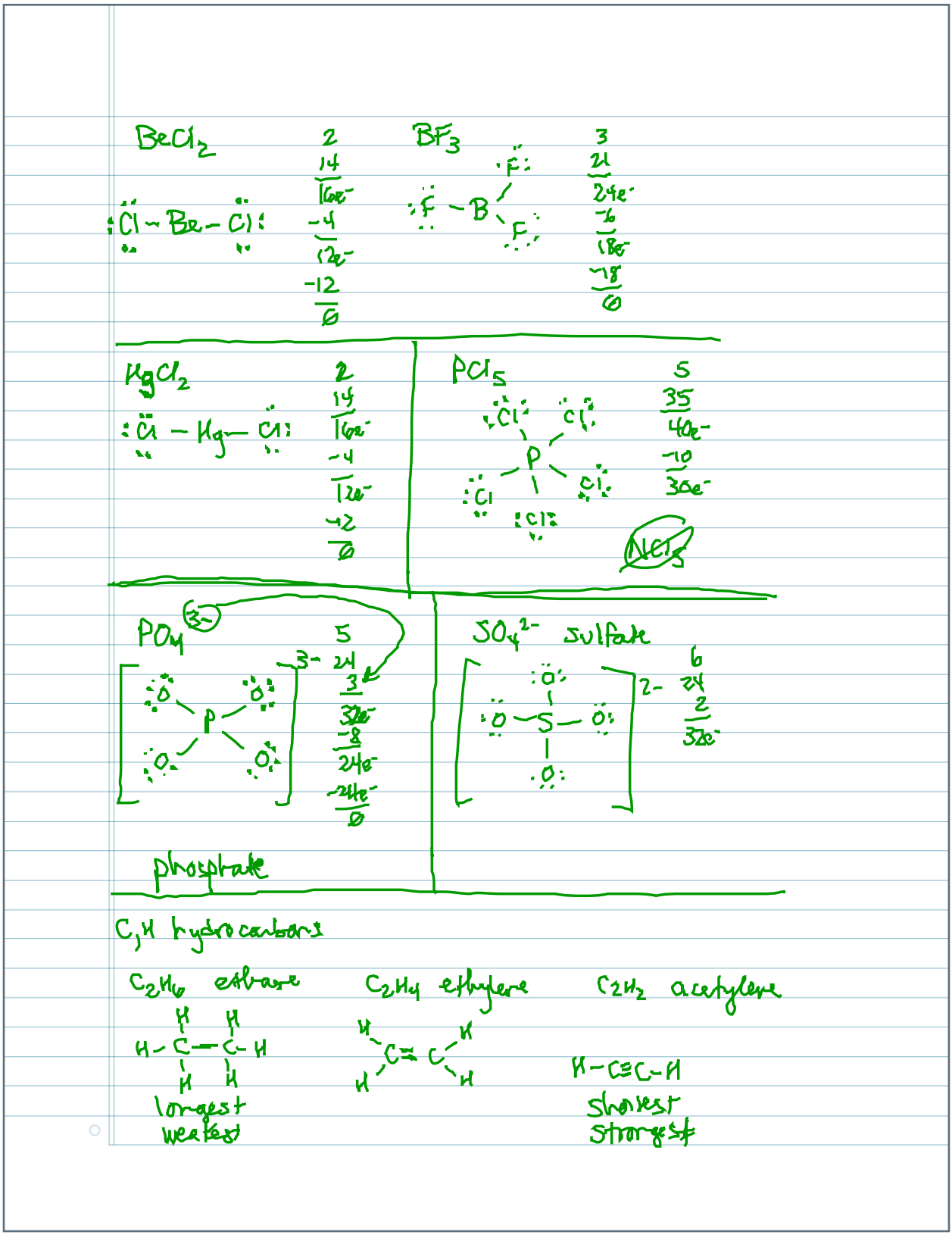
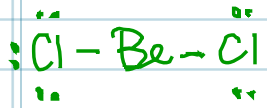
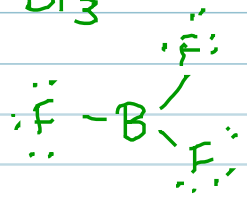


$BeCl_2$



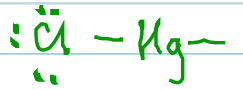
2
14
16e⁻
−4
12e⁻
−12
0

BF_3



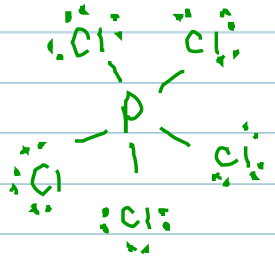
3
21
24e⁻
−6
18e⁻
−18
0

$HgCl_2$



2
14
16e⁻
−4
12e⁻
−2
0

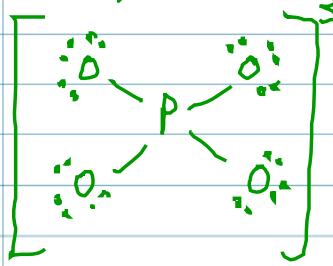
PCl_5



5
35
40e⁻
−10
30e⁻

~~NCl_5~~

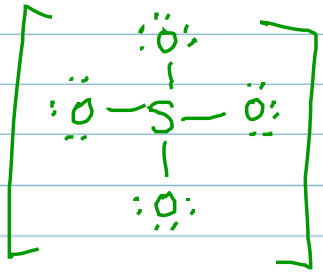
PO_4^{3-}



5
24
3
32e⁻
−8
24e⁻
−24e⁻
0

phosphate

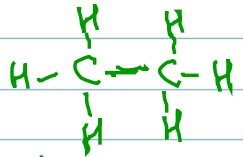
SO_4^{2-} sulfate



6
24
2
32e⁻

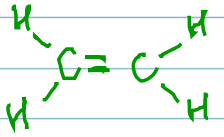
C_xH hydrocarbons

C_2H_6 ethane

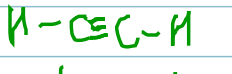


longest
weakest

C_2H_4 ethylene

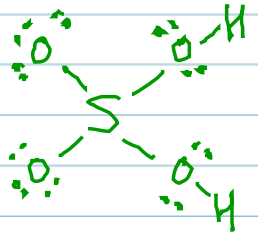


C_2H_2 acetylene



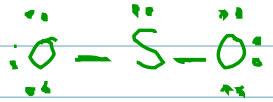
shortest
strongest

oxoacids H_aXO_b H_2SO_4 sulfuric acid

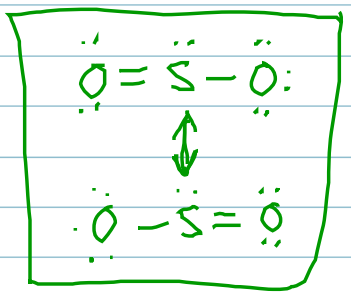


6
24
2
32e⁻
−12
20e⁻
−20
0

SO_2



6
12
18e⁻
−1
17e⁻
−12
2e⁻
−2
0



RESONANCE STRUCTURES