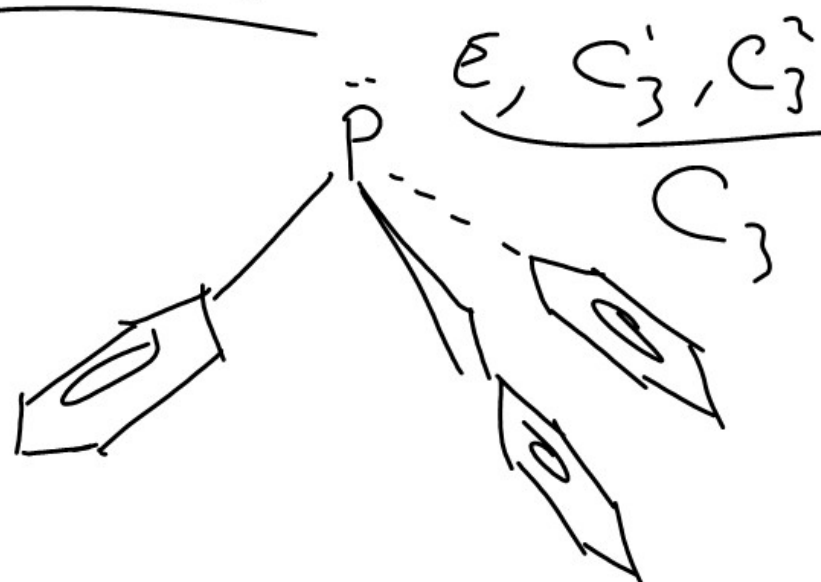
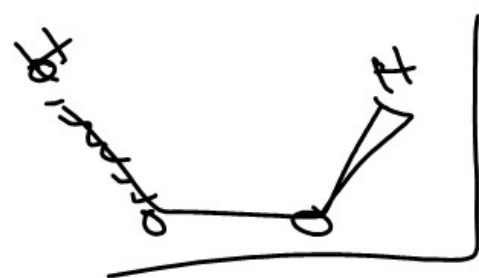
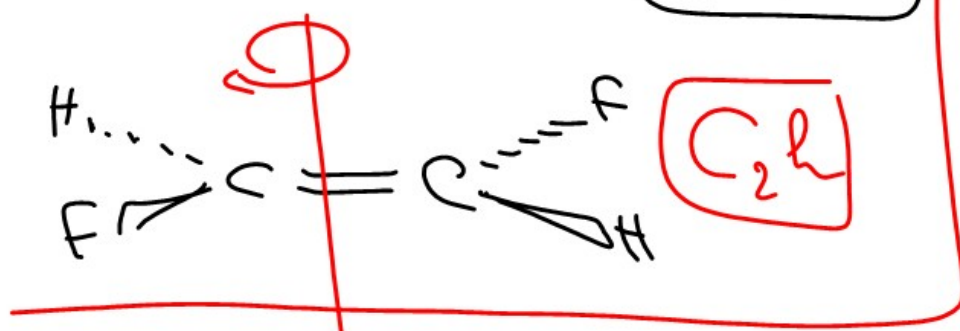


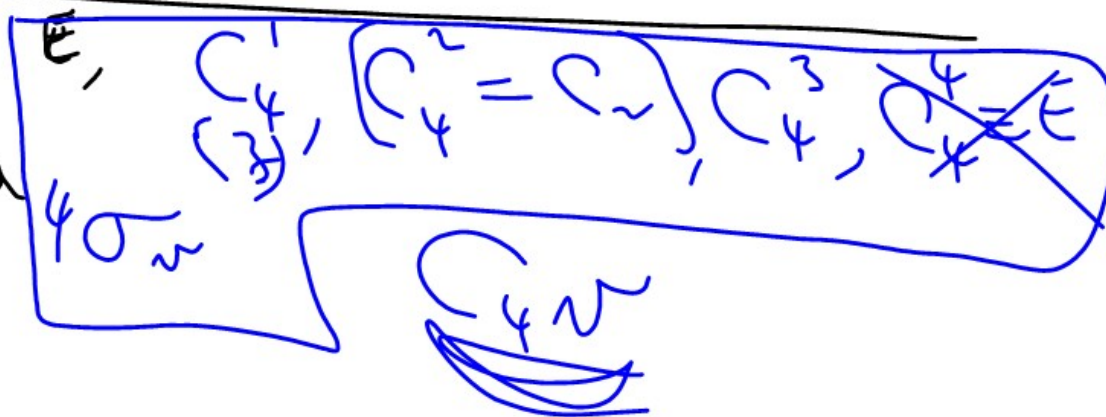
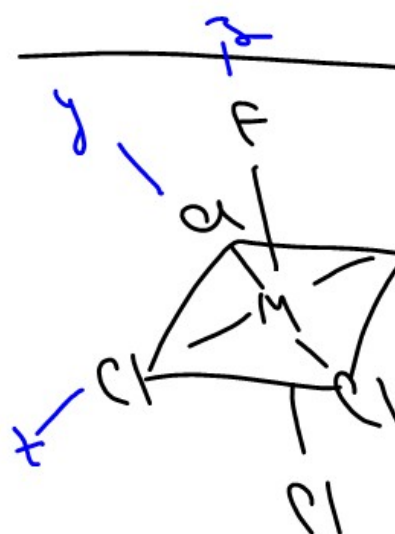
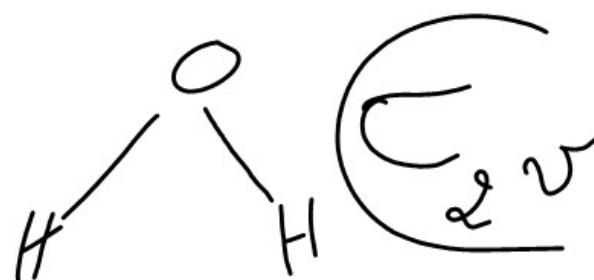
$E + C_n \text{ only } C_n$



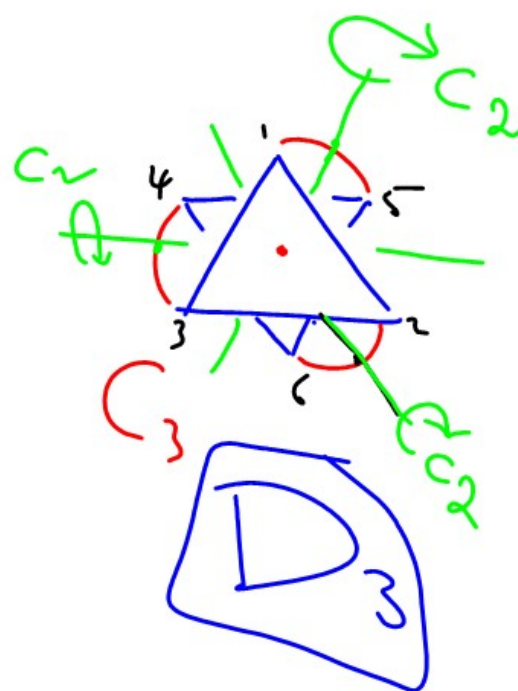
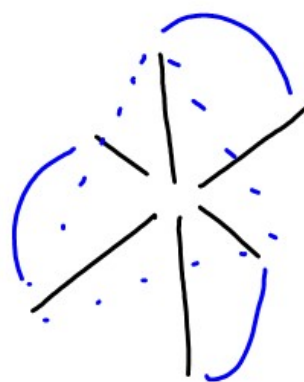
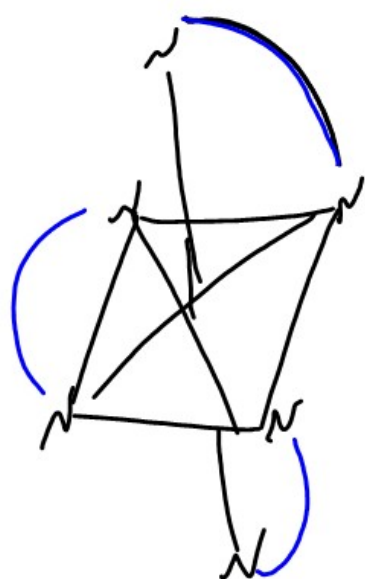
$E, C_n + \sigma_h \equiv C_{nh}$



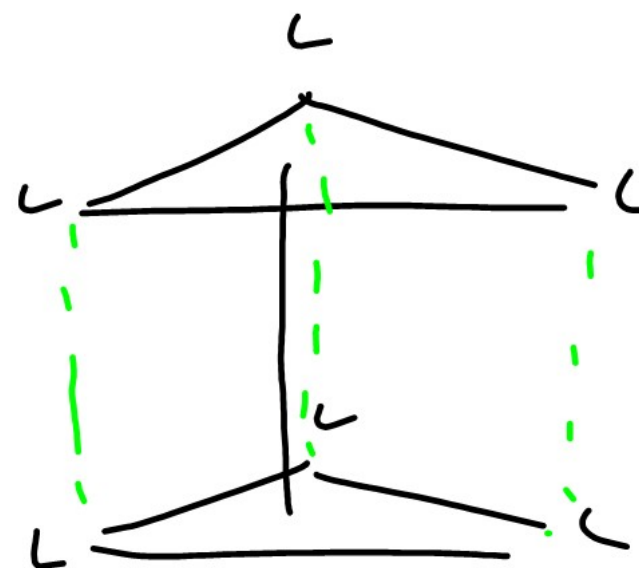
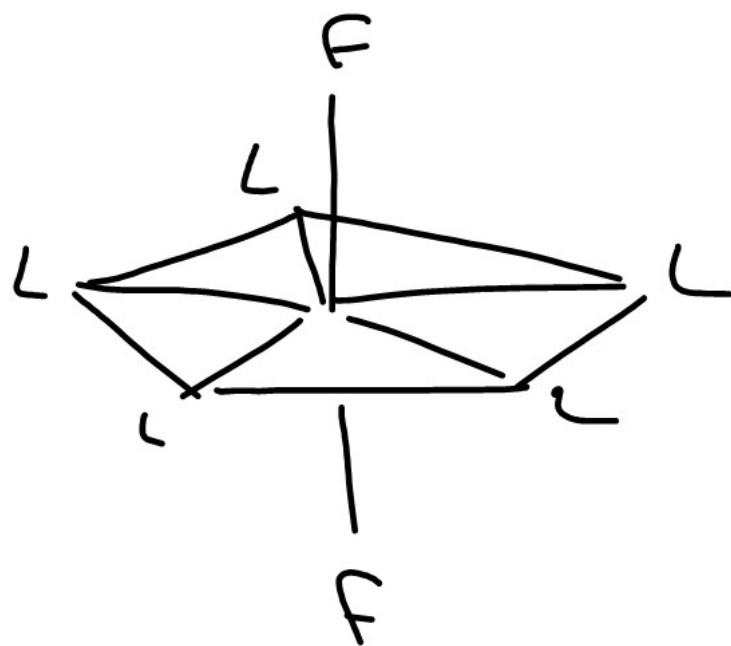
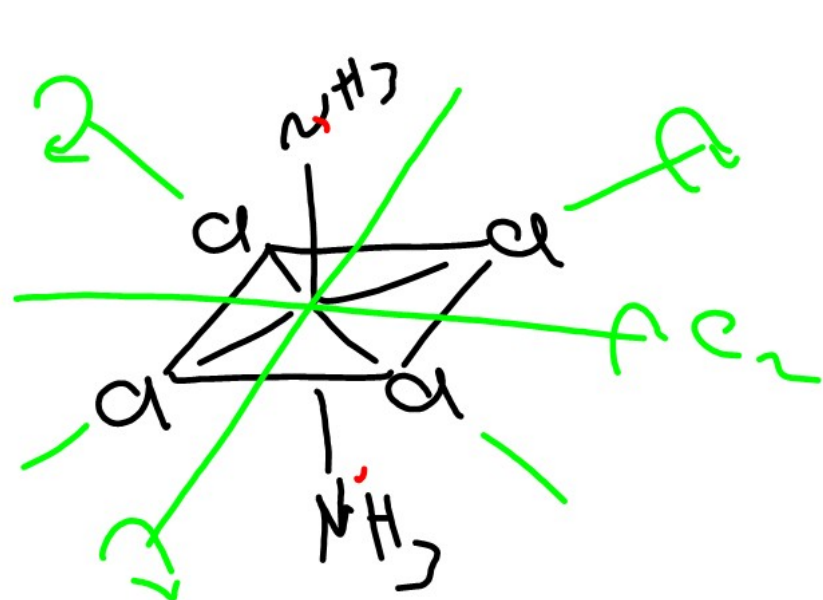
$E, C_n, n \sigma_v$



$D_n (C_n + n C_2)$

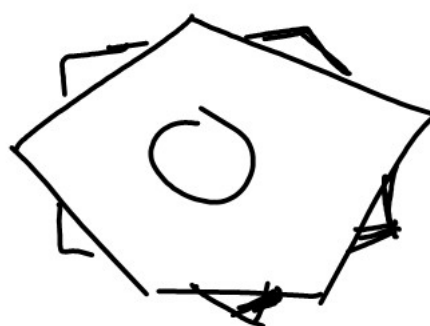
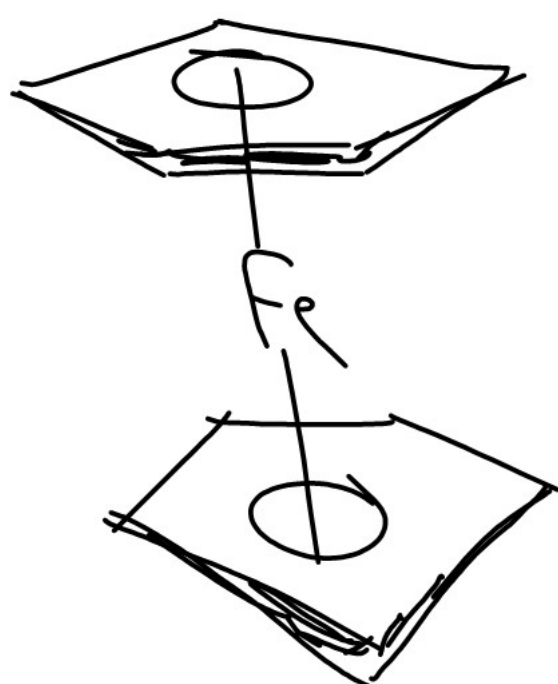
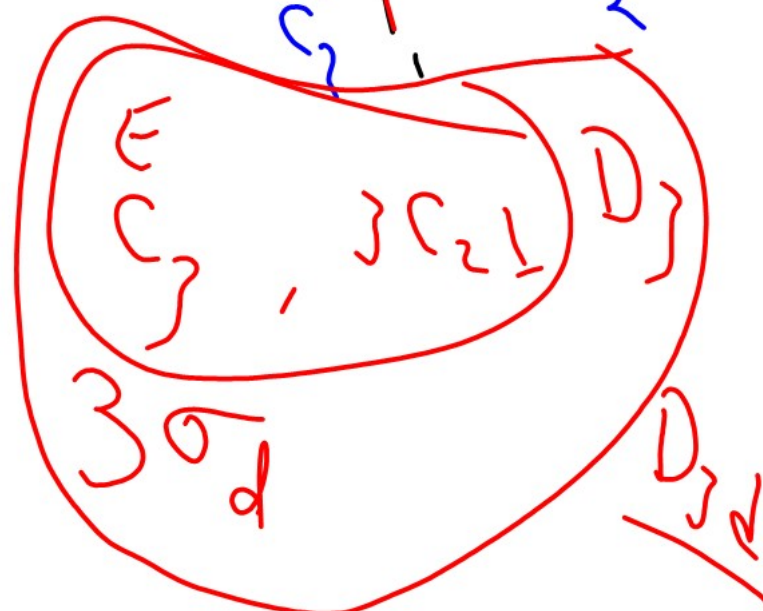
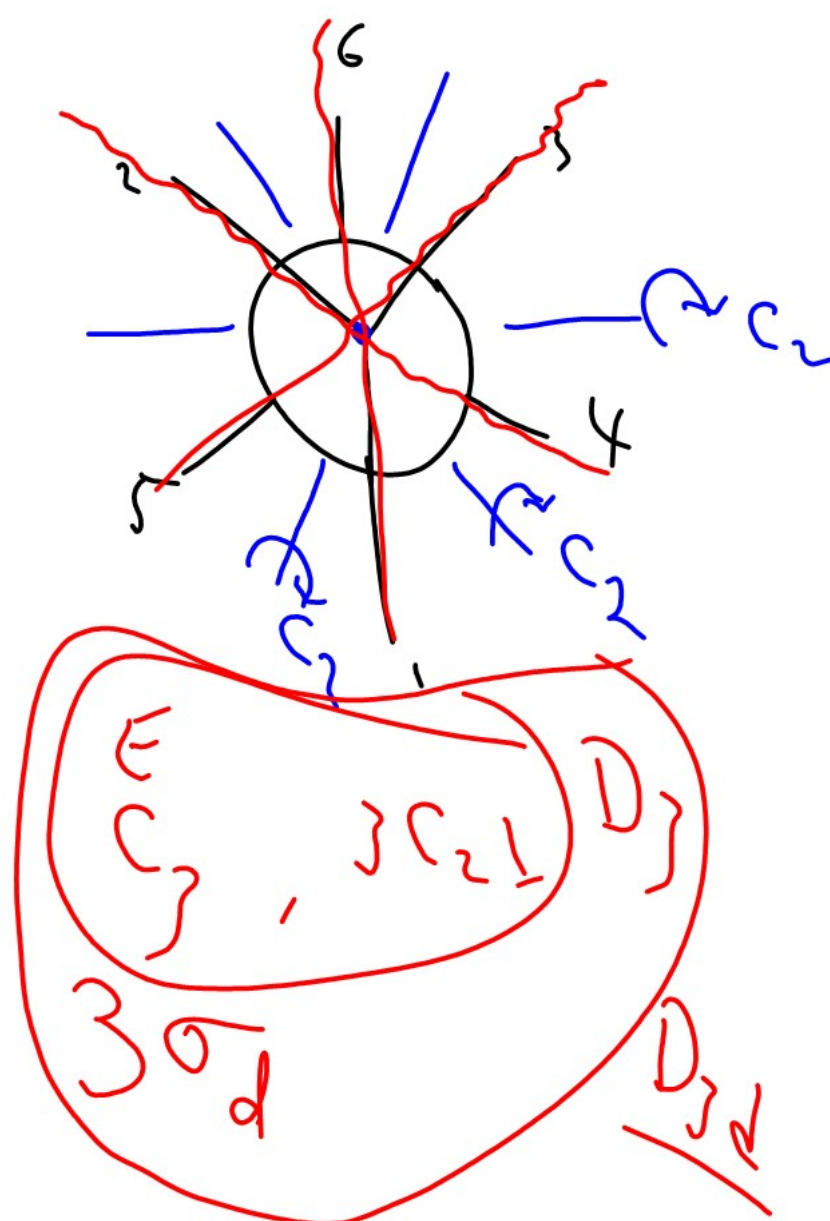
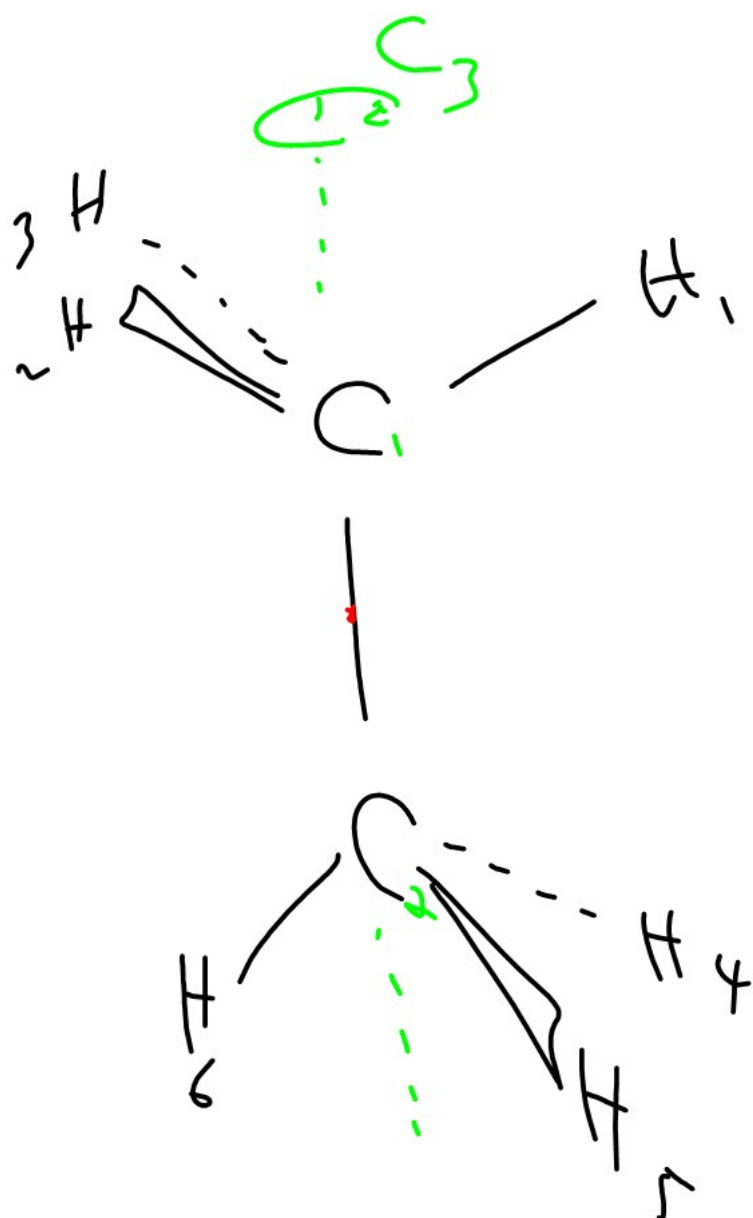


$$C_n, n C_{2\perp}, \sigma_h \Rightarrow D_{nh}$$

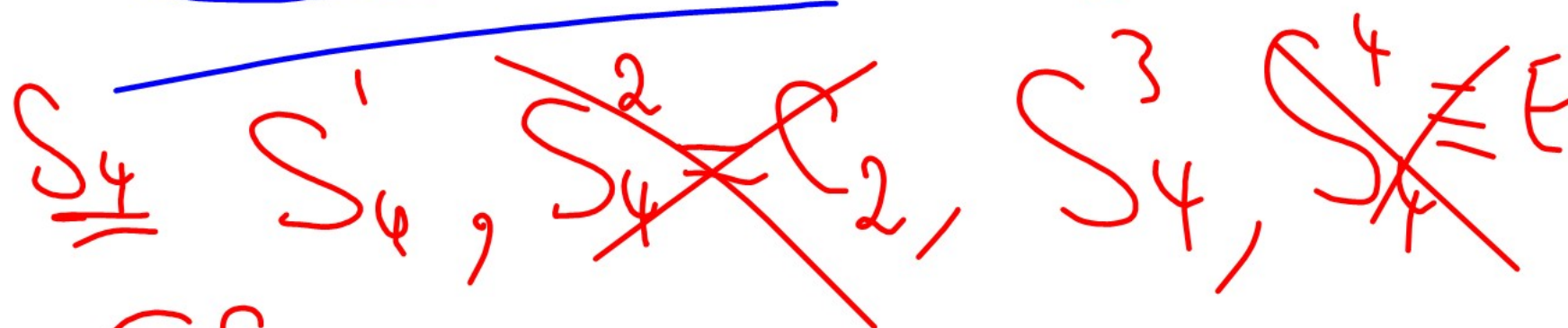
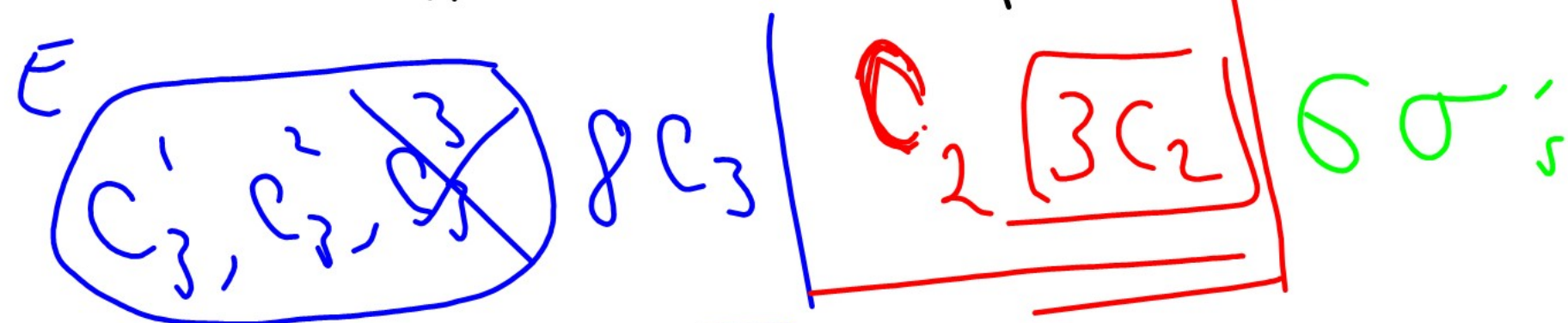
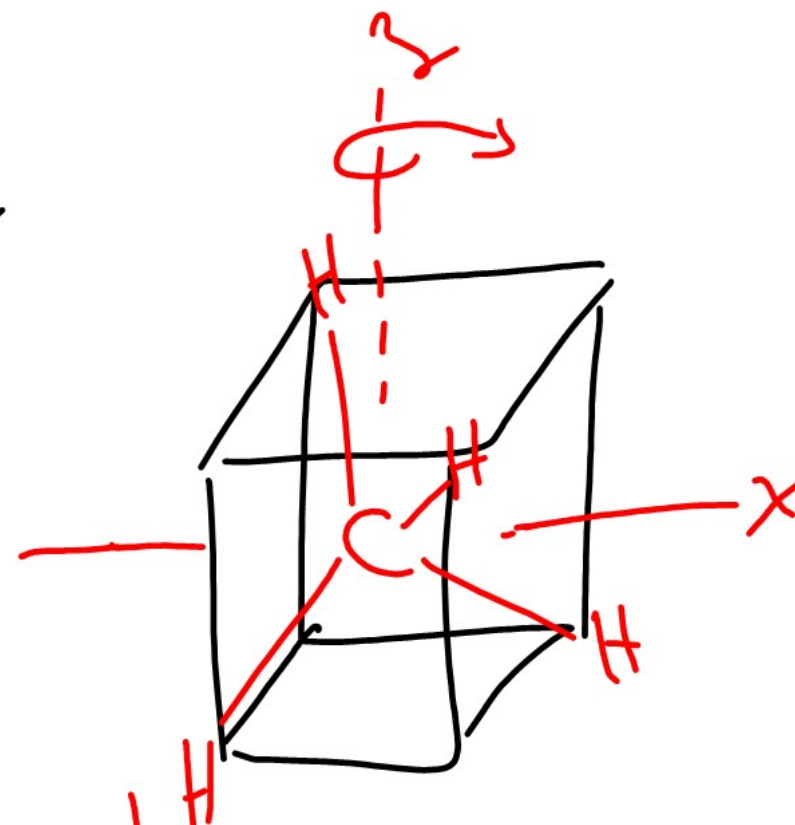
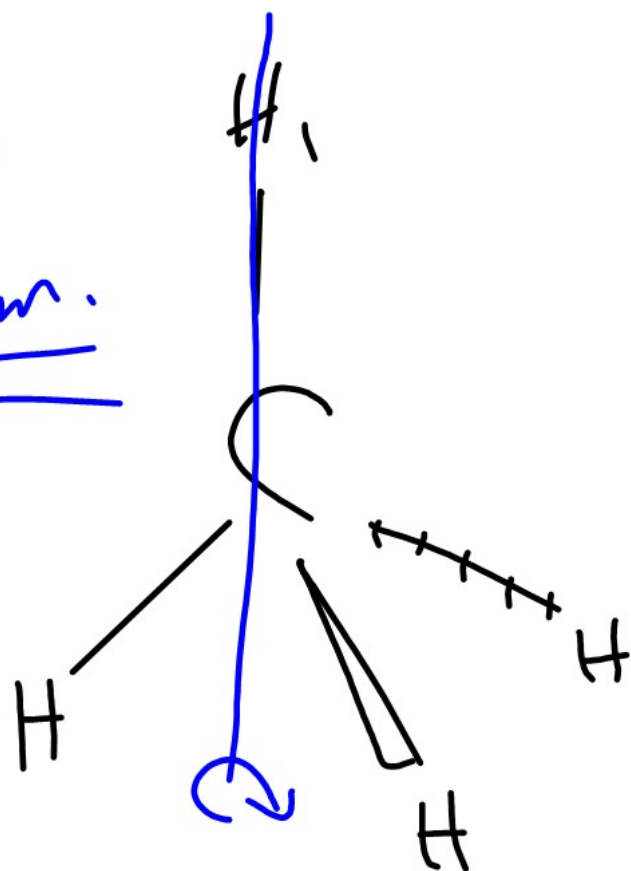


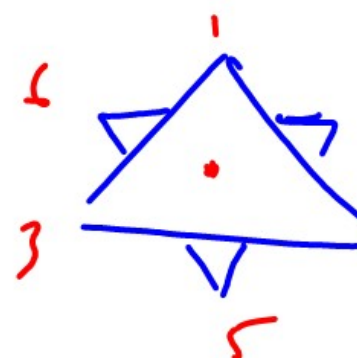
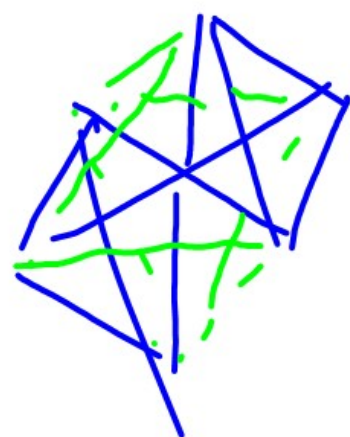
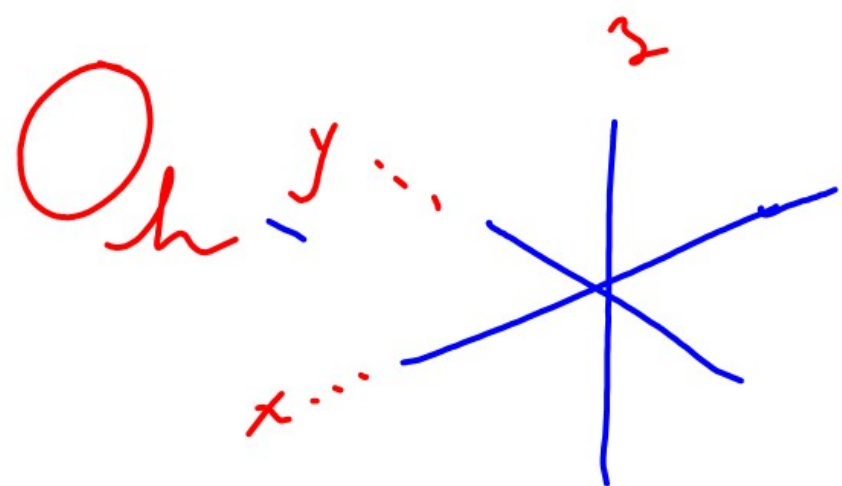
$E, C_n, nC_2, \textcircled{n\sigma_d}$

$\sigma_d \equiv \sigma_v$ that bisects
 ↗ between two
 adjacent C_2 s



high
Sym.





S_6^1

~~S_6^2~~

S_6^5

~~S_6^6~~

~~$S_6^3 \equiv C_2$~~

$$3\sigma + 6 = 9\sigma$$

~~$S_4^1, S_4^2 \equiv C_2, S_4^3, S_4^4$~~

$6S_4$

$8S_6$

E, C_1

$C_4^1, C_4^3, \cancel{C_4^2} = 2$

C_2

$6C_4$

$3C_2 + 6C_2$

$8C_3$

$C_3^1, C_3^2, \cancel{C_3^3} = 2$