

Nomenclature

① Find longest chain of Carbons

Does Not have to be straight

② Start # from side

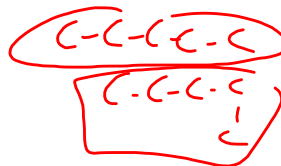
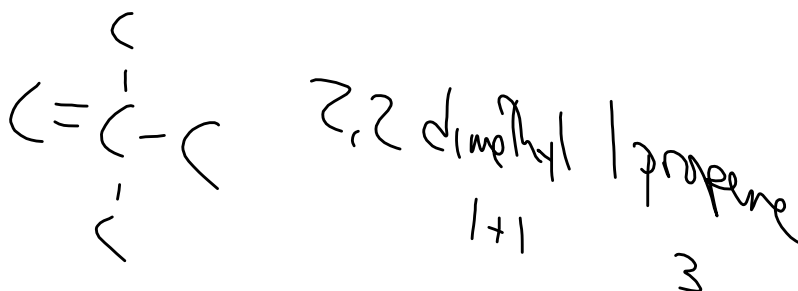
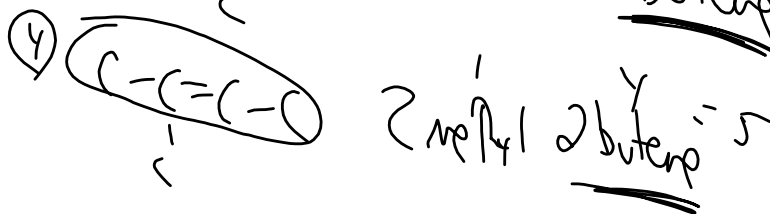
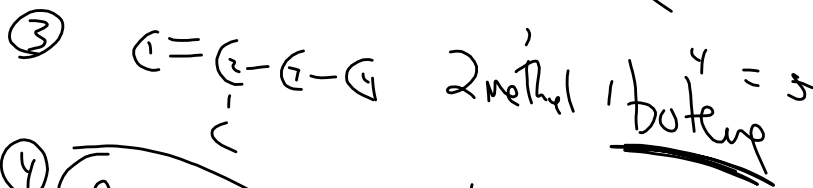
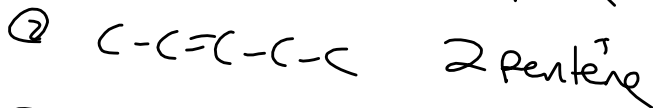
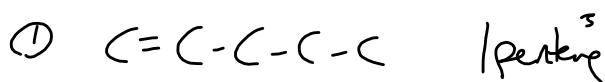
③ Closest to 1st = or = bond.

9 // 10 ④ Closest to 1st branched group (Side group)

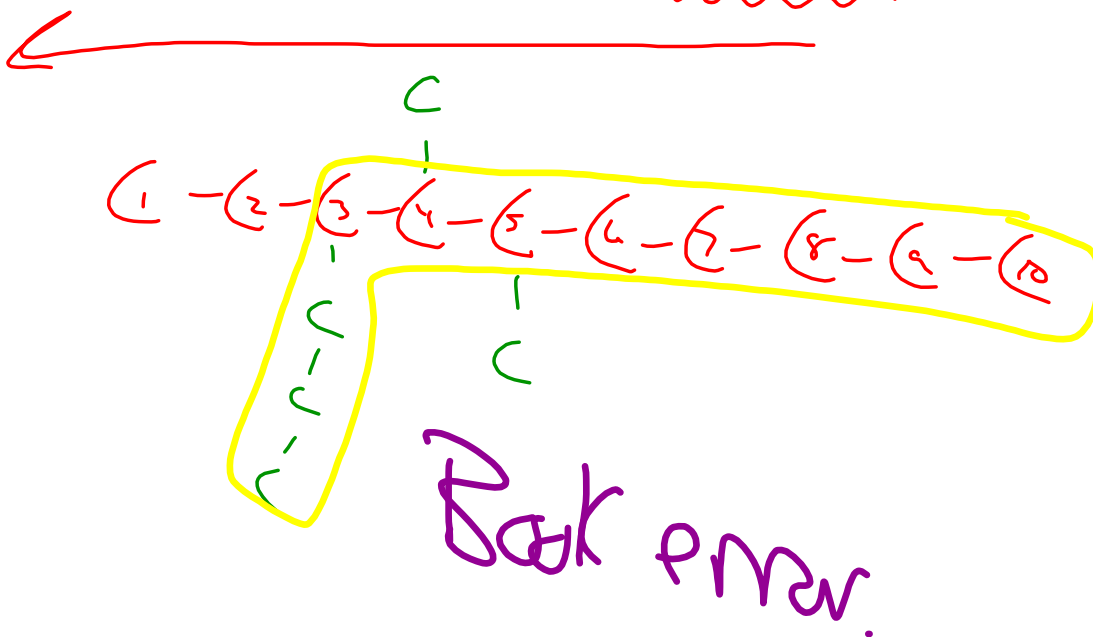
No side group off end carbon

(-4/1)

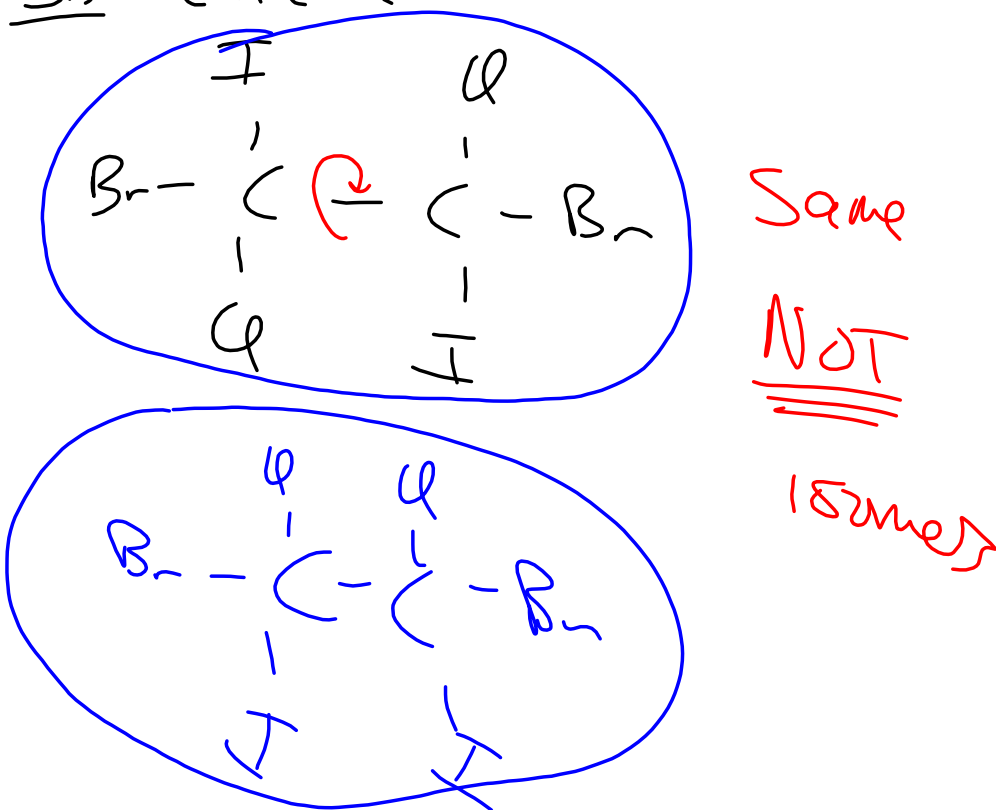
⑤ C₅H₁₀



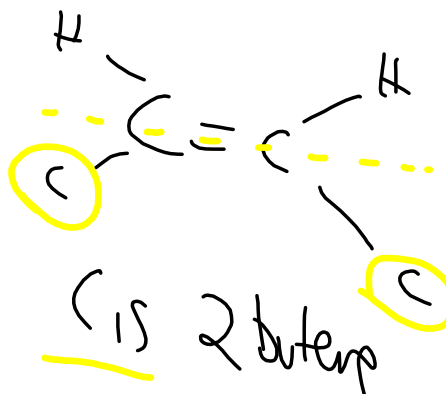
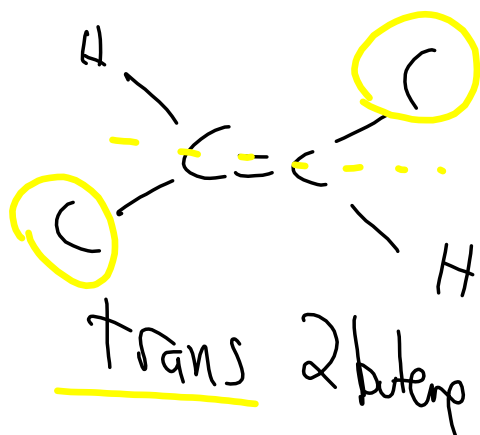
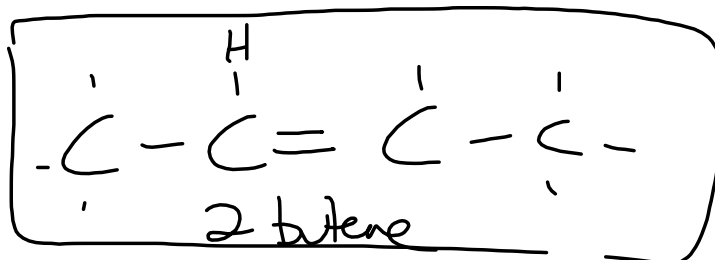
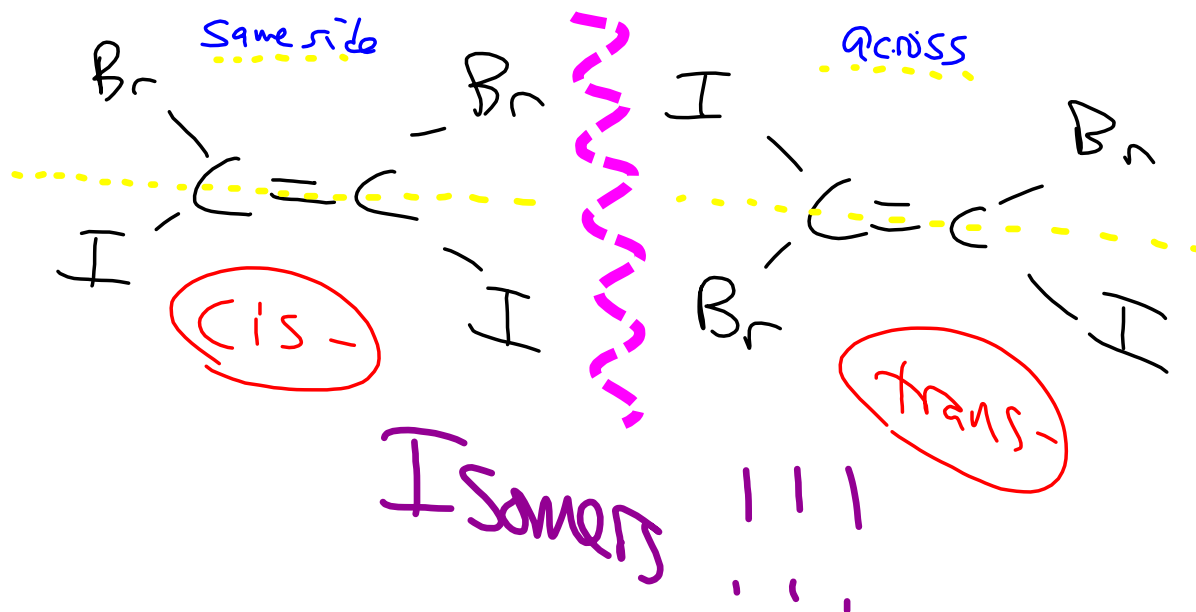
3 propyl 4,5 dimethyl decane

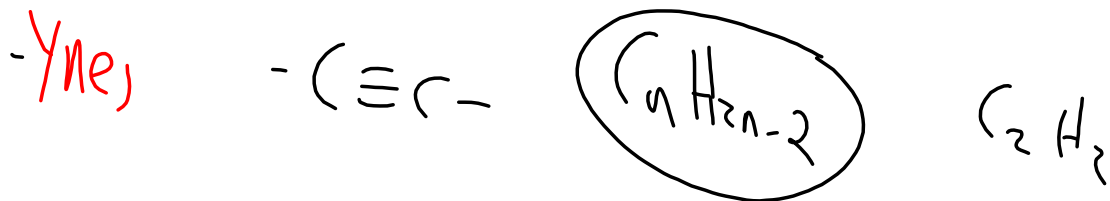
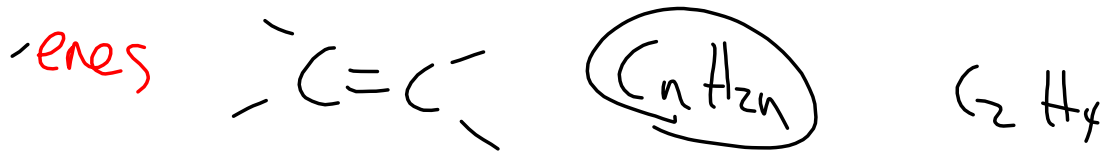
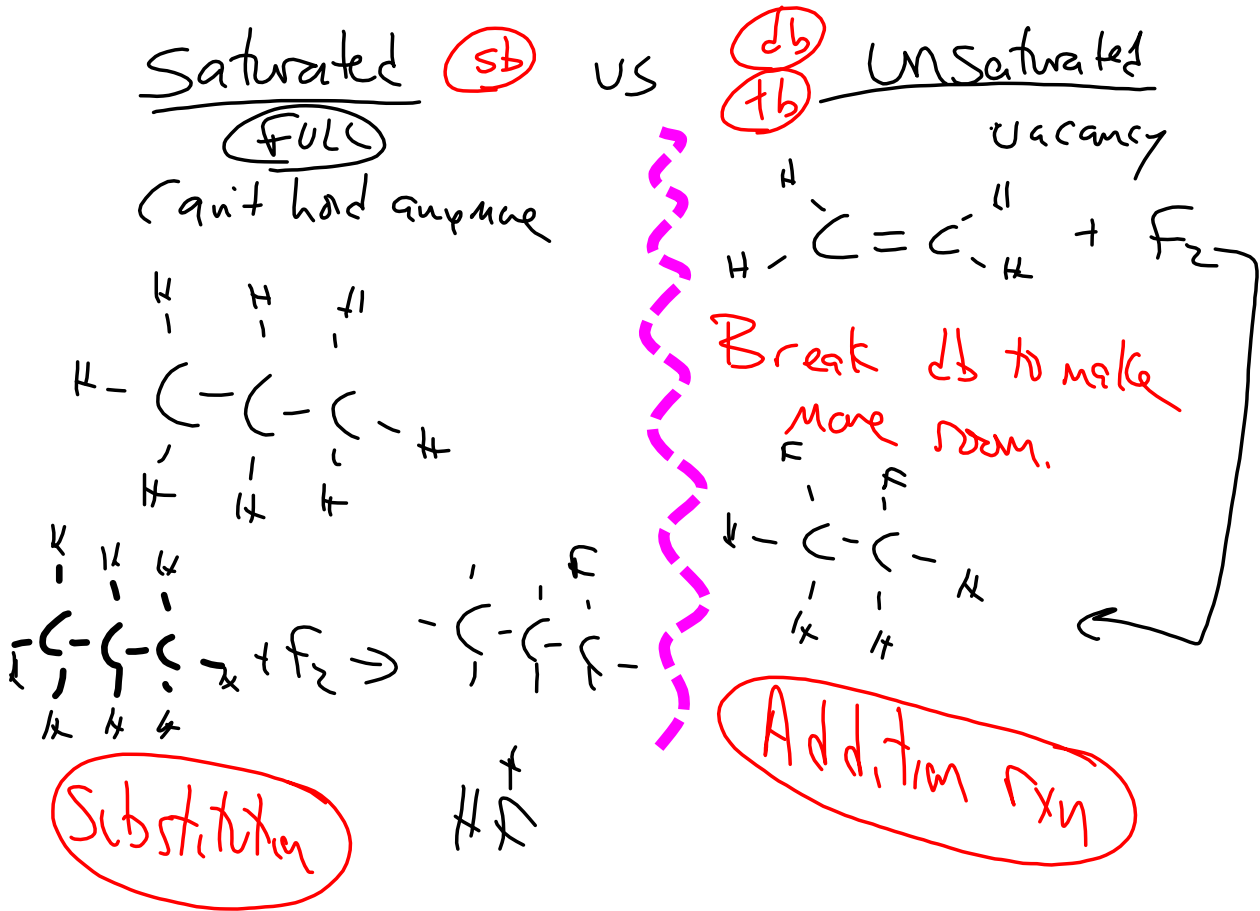


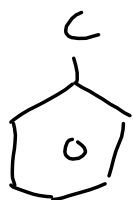
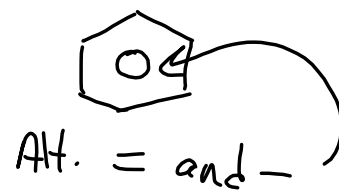
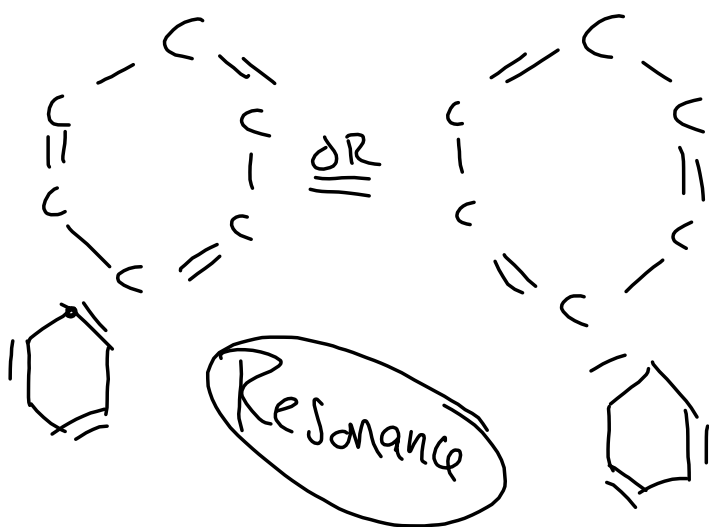
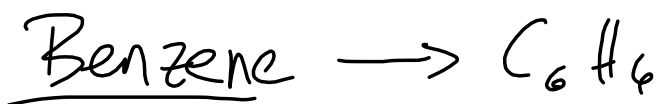
St can have rotation



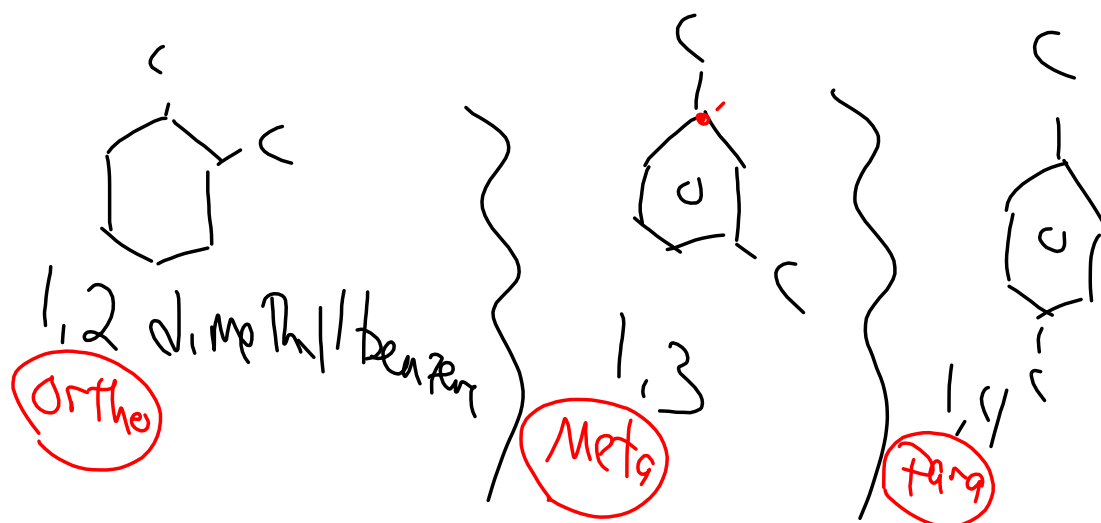
db No rotation







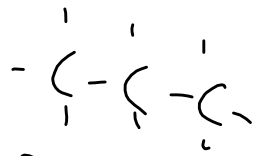
1 methyl benzene



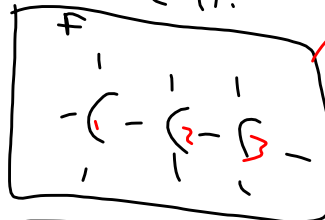
Functional Groups

Add to my hydrocarbon (C's + H's)

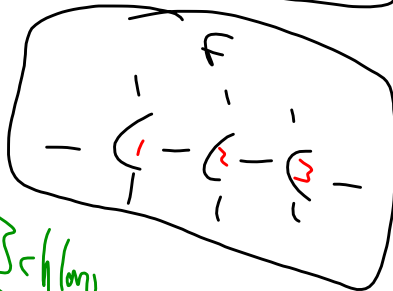
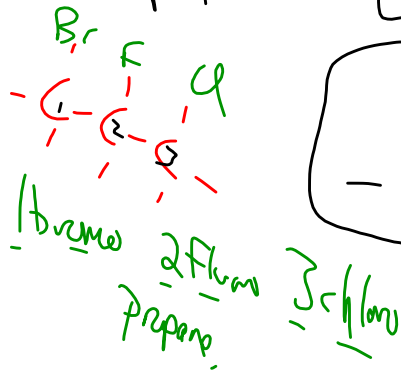
① Halogen Gr 17 need 1 more e- like H.



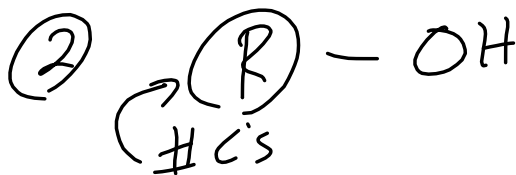
Propane



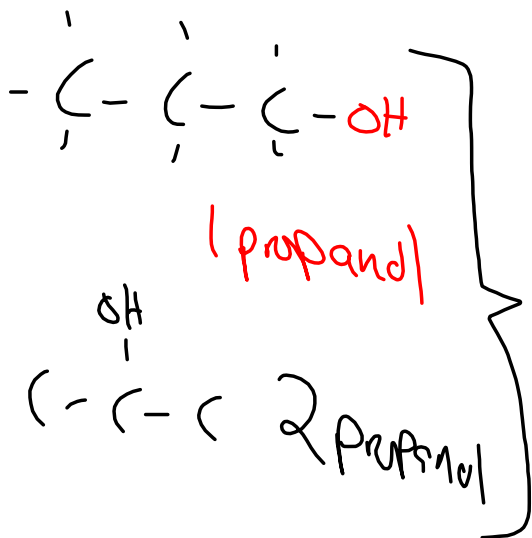
1 Fluoro propane



2 Fluoro propane



Alcohol



Propane ~~X~~

-ol

Mix = 1 propanol alcohol

Organic PS
1-21