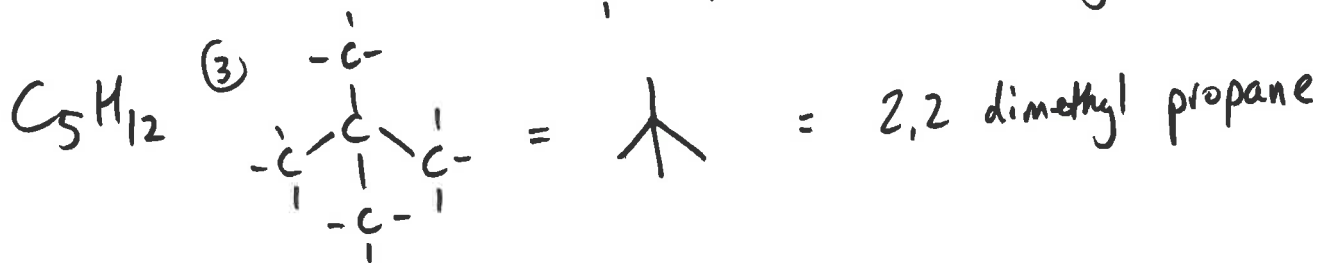
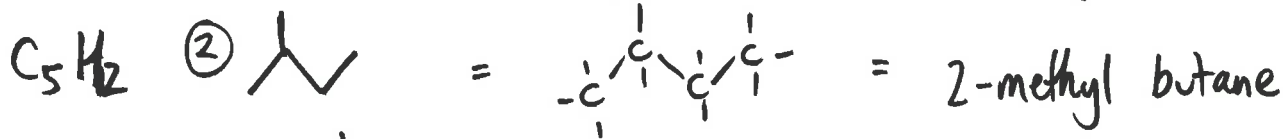
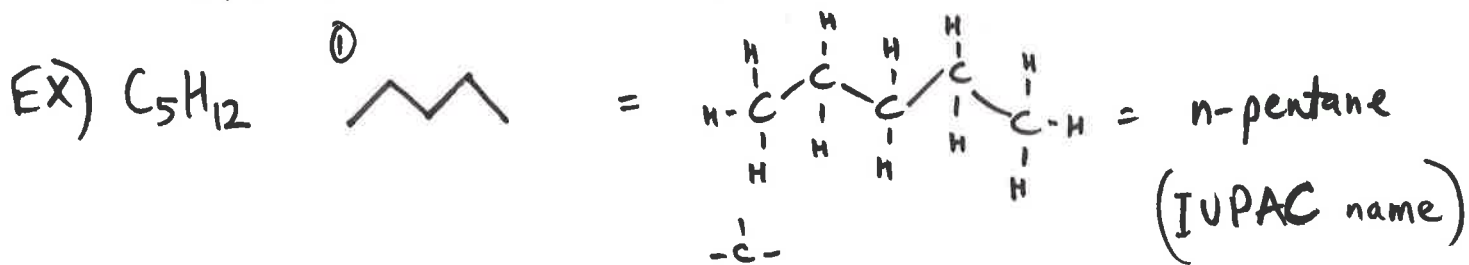


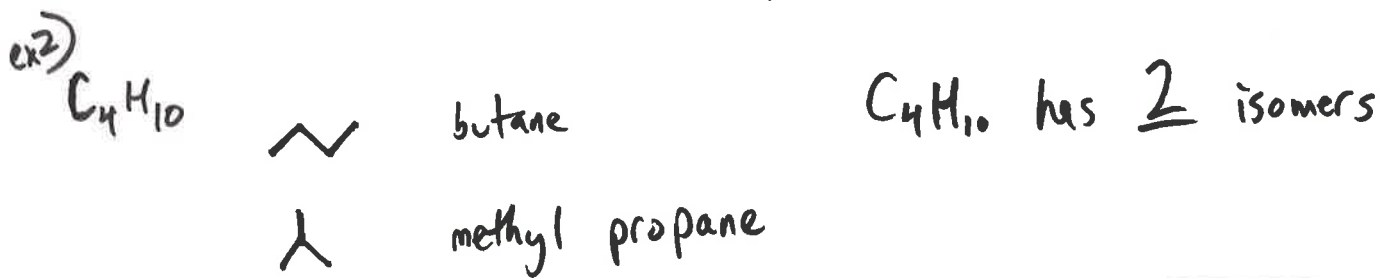
Notes: Isomers

Structural - same formula, different structure

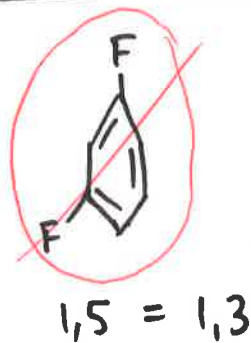
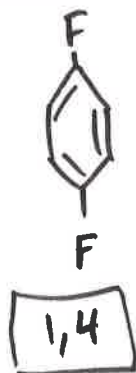
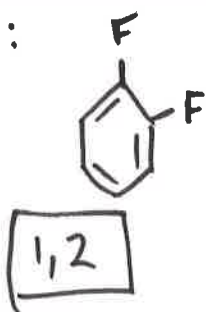


C_5H_{12} has 3 isomers

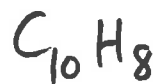
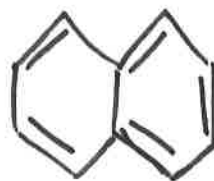
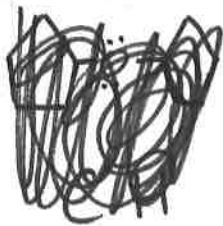
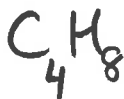
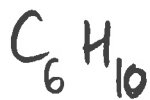
Alkane isomer #s) 1, 1, 1, 2, 3, 5, 9, 18, 35, 75, 159, 355
 ↑ butane ↑ pentane ↖ hexane



Rings:



only 3 isomers of difluoro benzene



hexane: C_6H_{14} isomers = 5



- n-hexane



- 2-methyl pentane



- 3-methyl pentane



2,3 dimethyl butane



2,2 dimethyl butane