

Apr 24-7:18 AM

(12) ${}^{24}_{11}\text{Na} \xrightarrow{\beta} \text{---} \quad t_{1/2} \quad 15 \text{ hrs.} \quad k = 0.0462$

$A_0 = 0.00288 \text{ g}$ 8 AM Mon

$A_t = (?)$ 8 PM WED

4 HL's

60 hrs

$\ln A_t = -kt + \ln A_0$

$\ln A_t = -0.0462(60) + \ln 0.00288$

Apr 24-7:27 AM

Last Chap 11 - Chap 25 ORGO

Has Carbon can bond to itself
and go in chains \Rightarrow Aliphatic compounds

Ring \Rightarrow Aromatic

Odor \rightarrow high Vapor Pressure

P_{atm}

VP

$l \rightarrow g$ VOC's

Apr 24-7:33 AM

Naming ORG COMPOUNDS

hydrocarbon H + C

① # carbons ② Type, location, # bonds

Prefix \swarrow

② 1/2 Side groups for isomers

Suffix

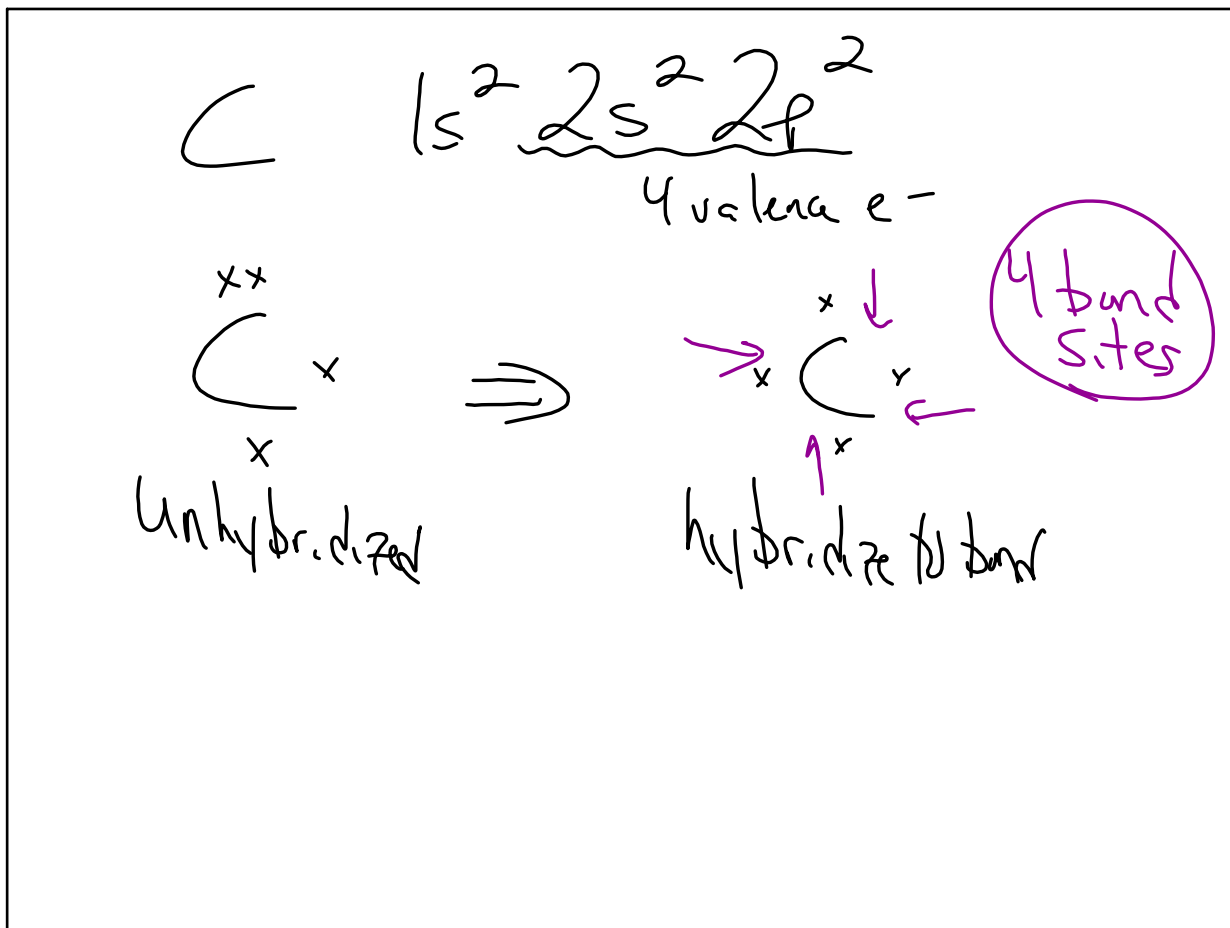
8e- STABLE

2e- - one

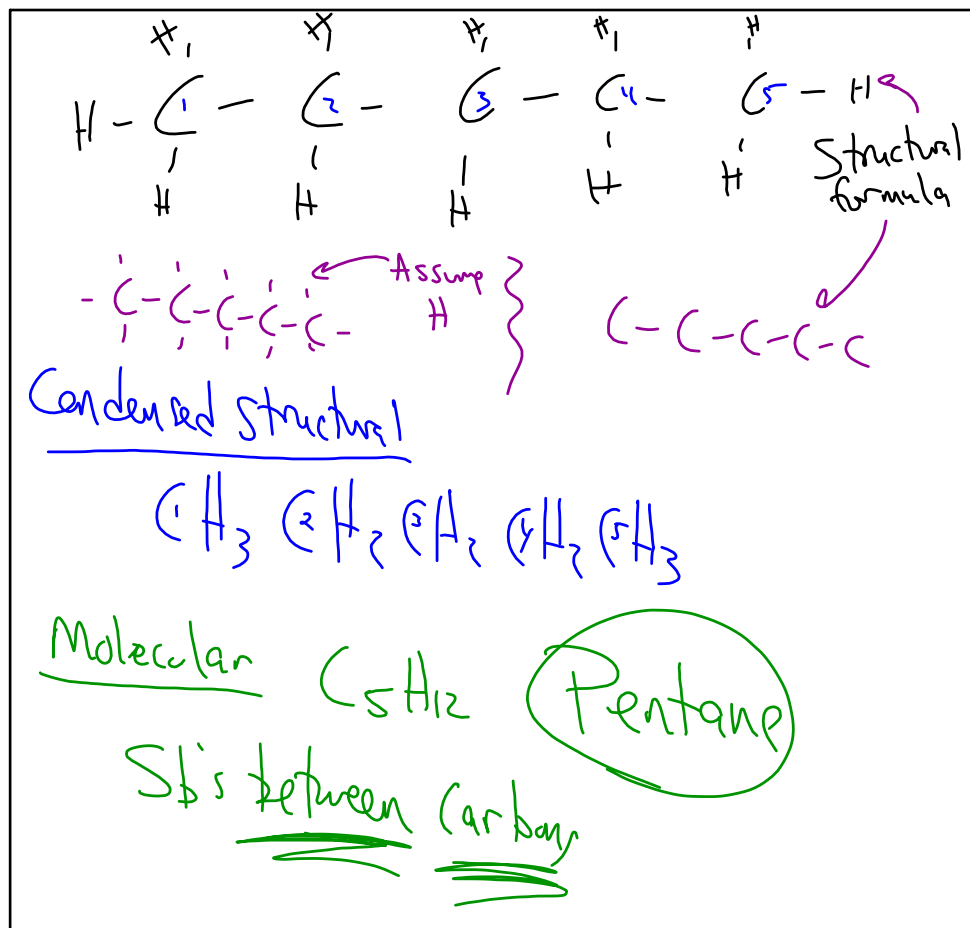
4e- = two

6e- = yne

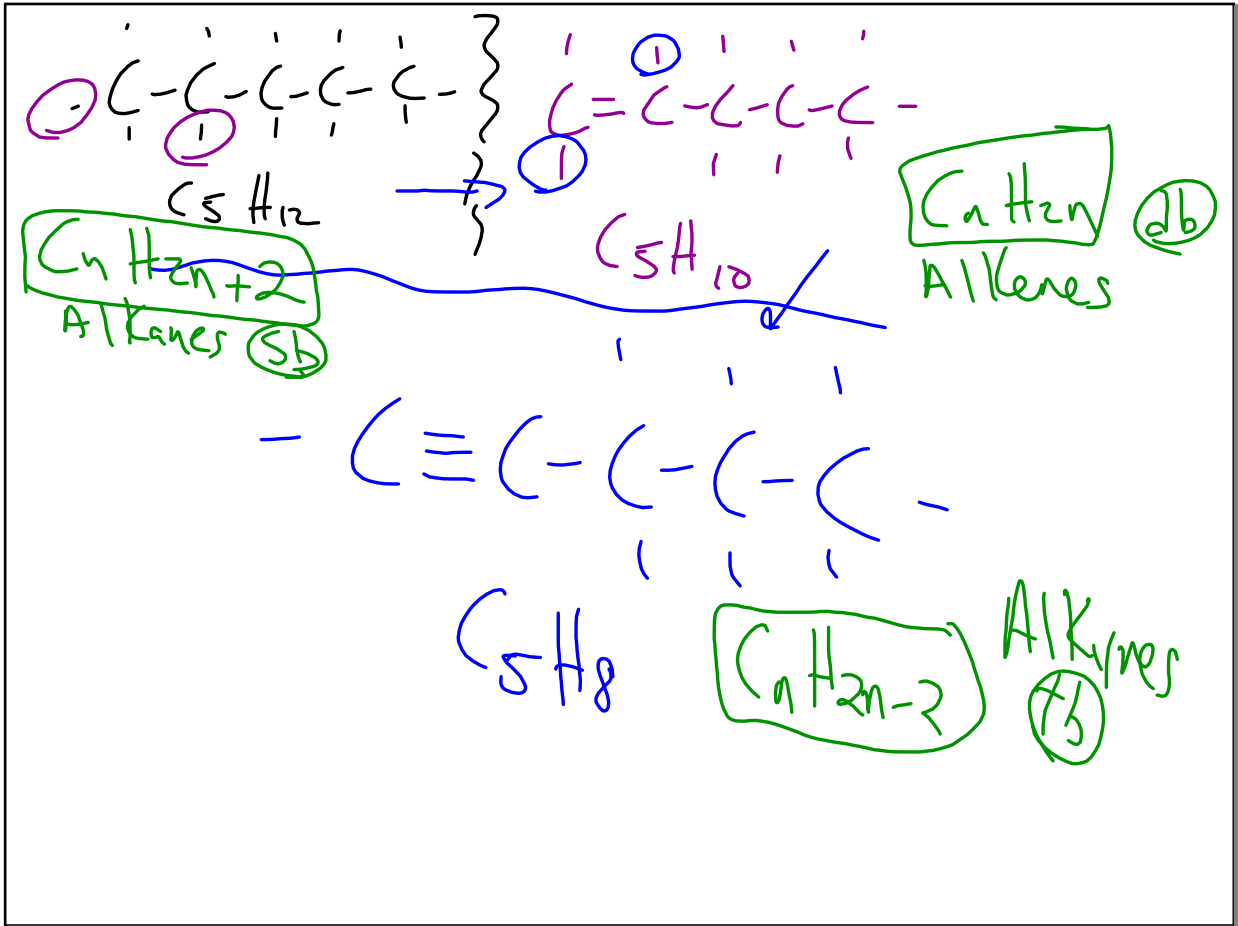
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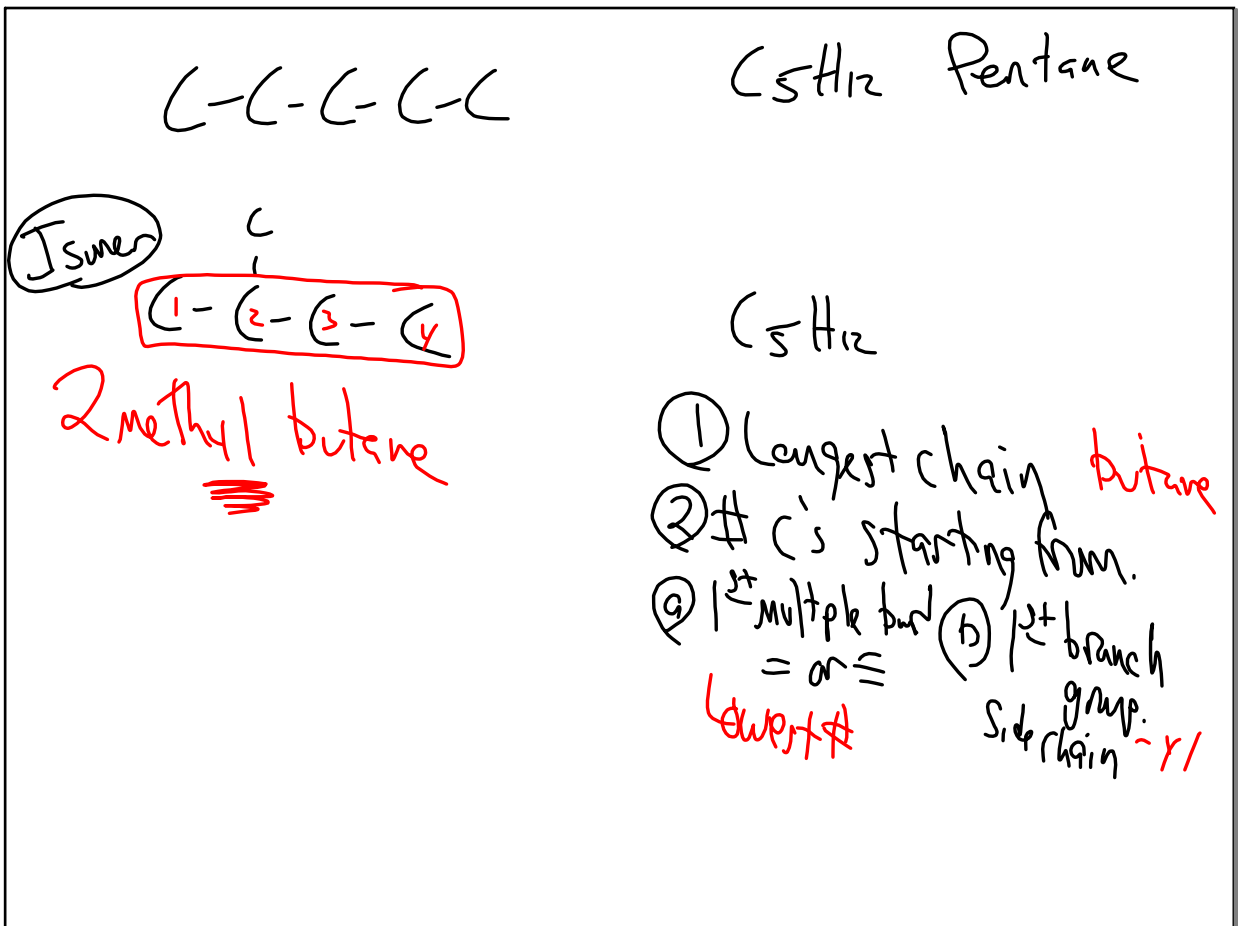
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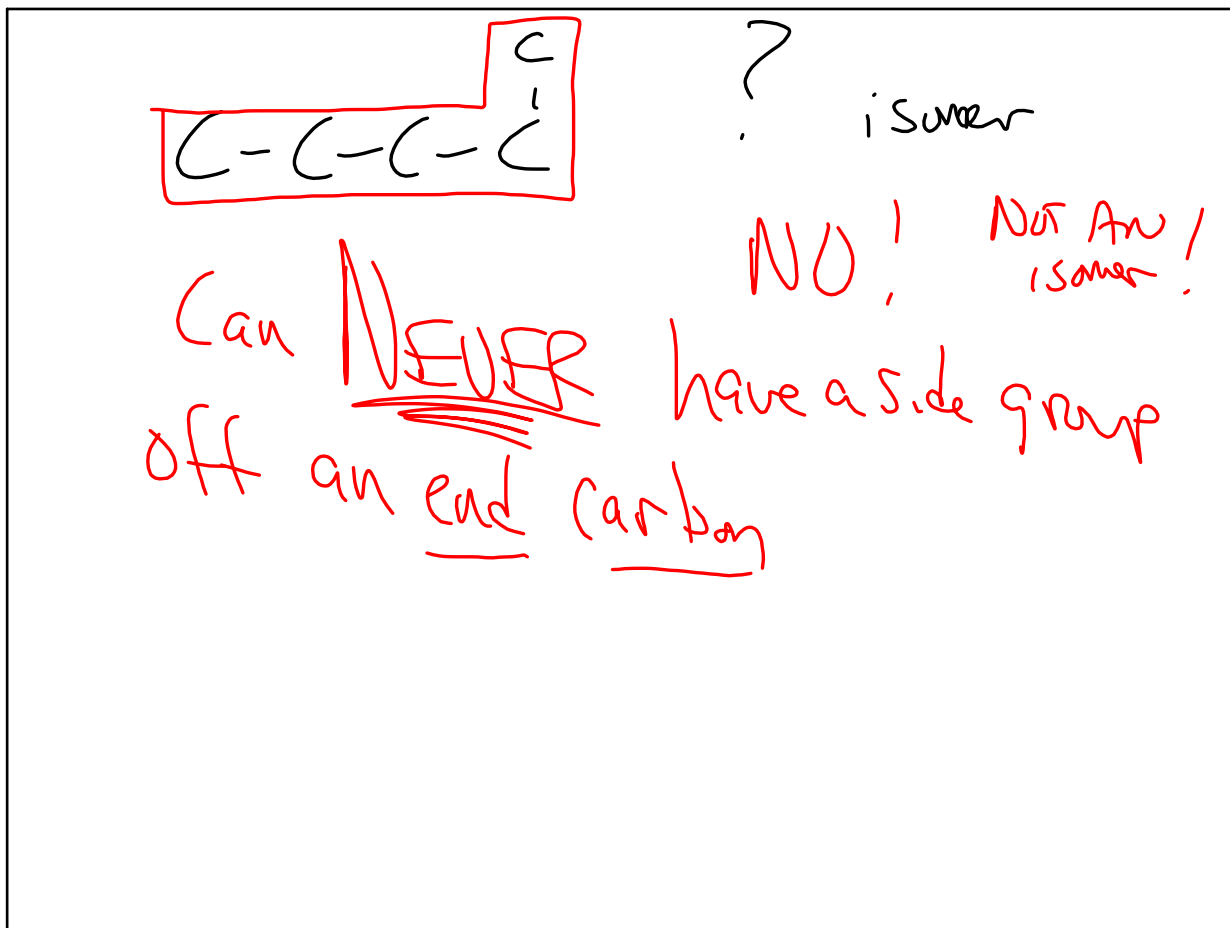
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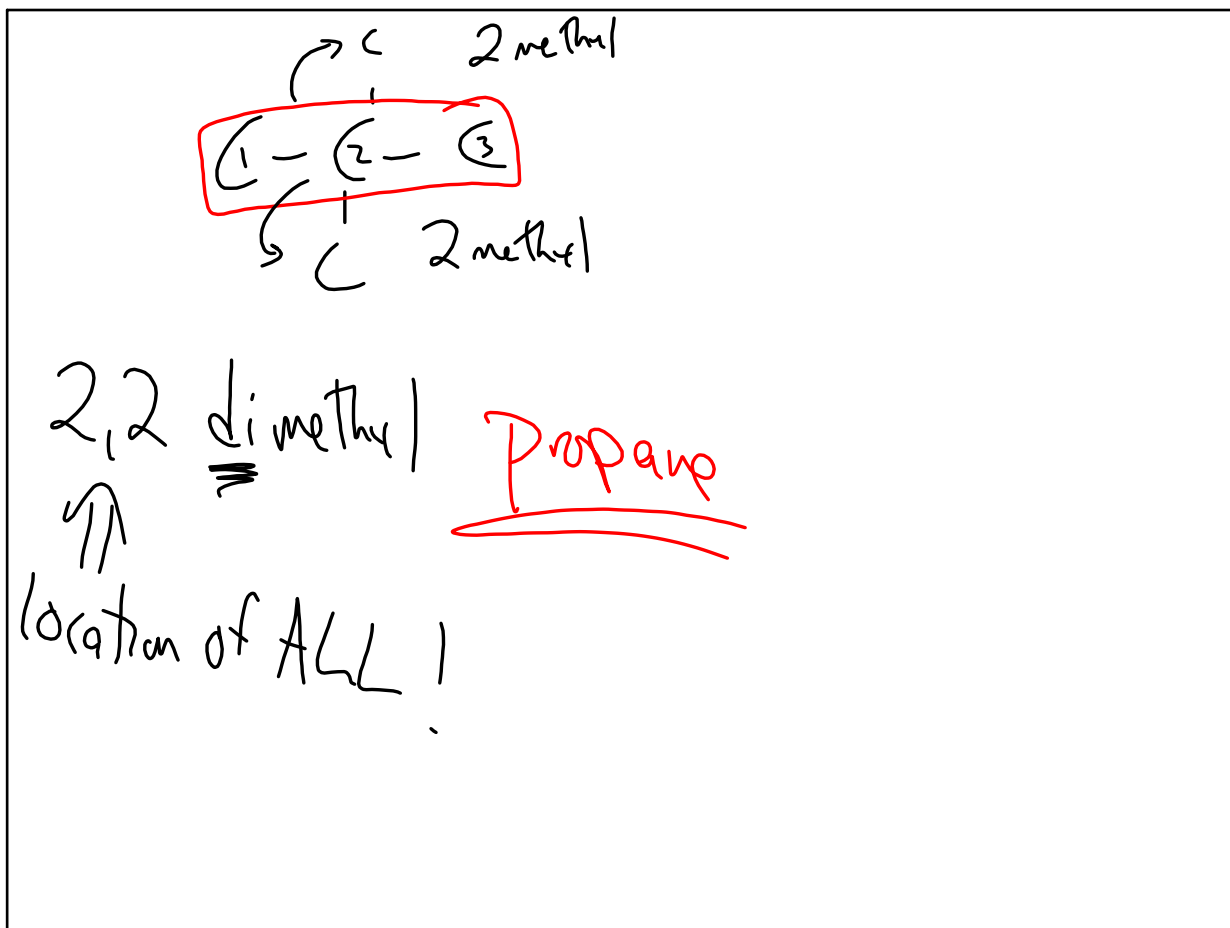
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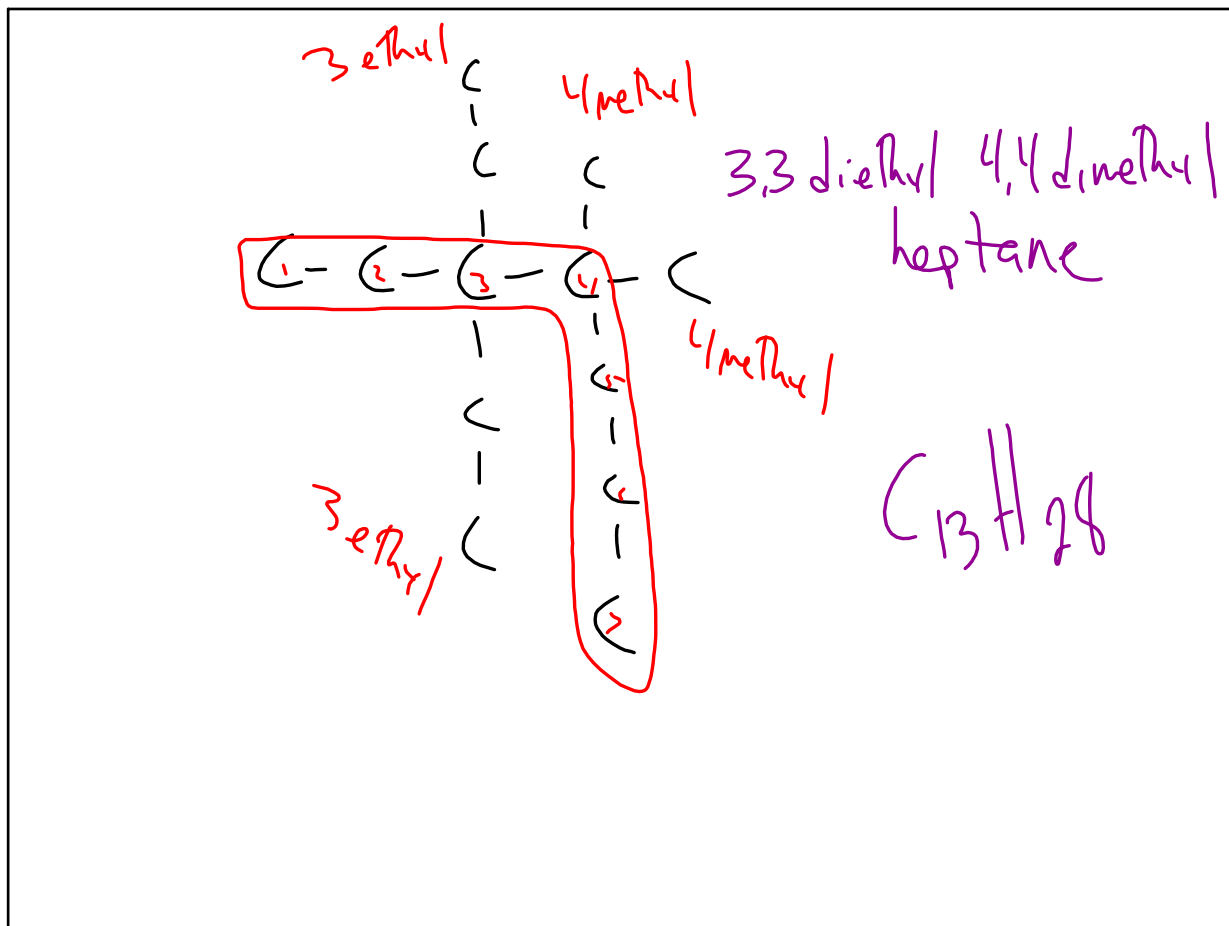
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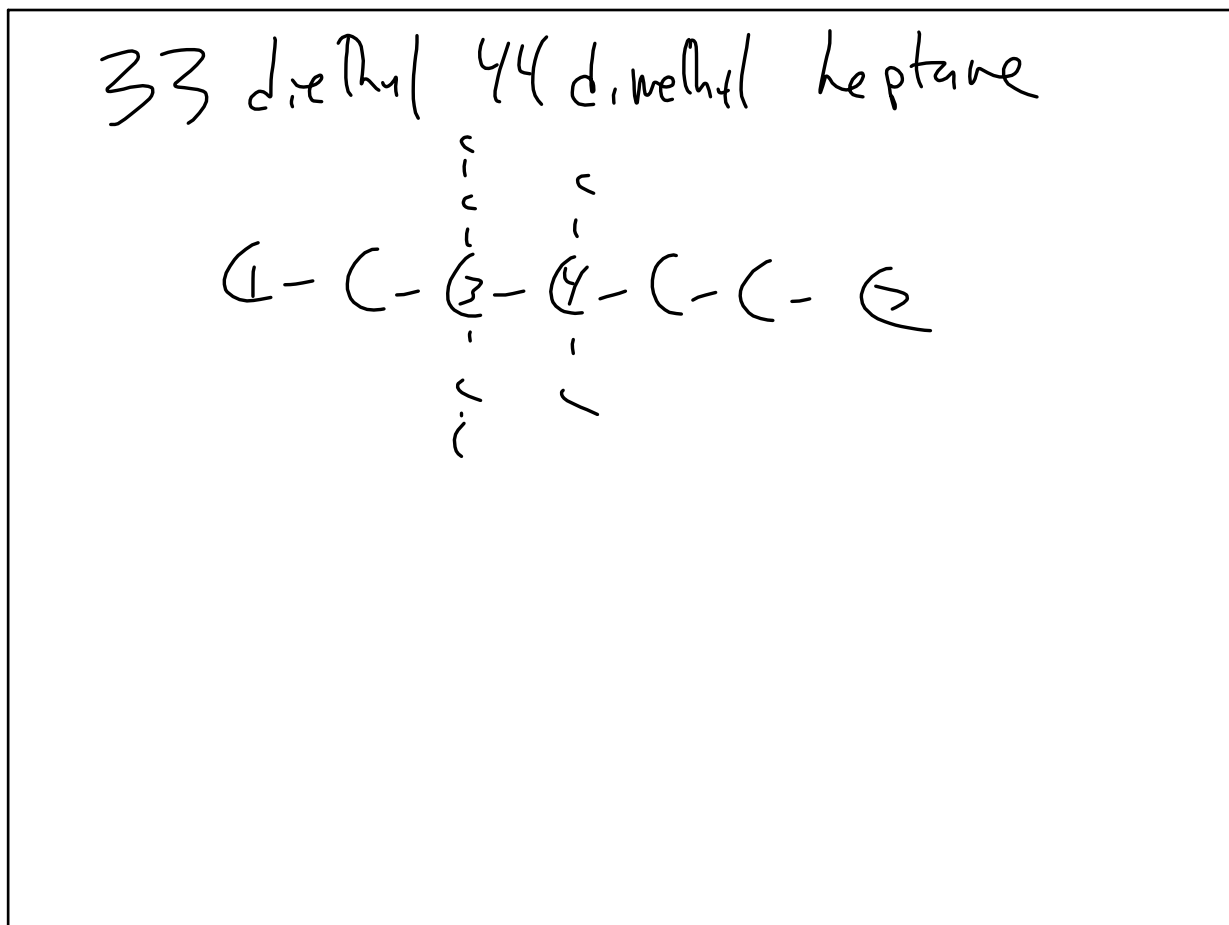
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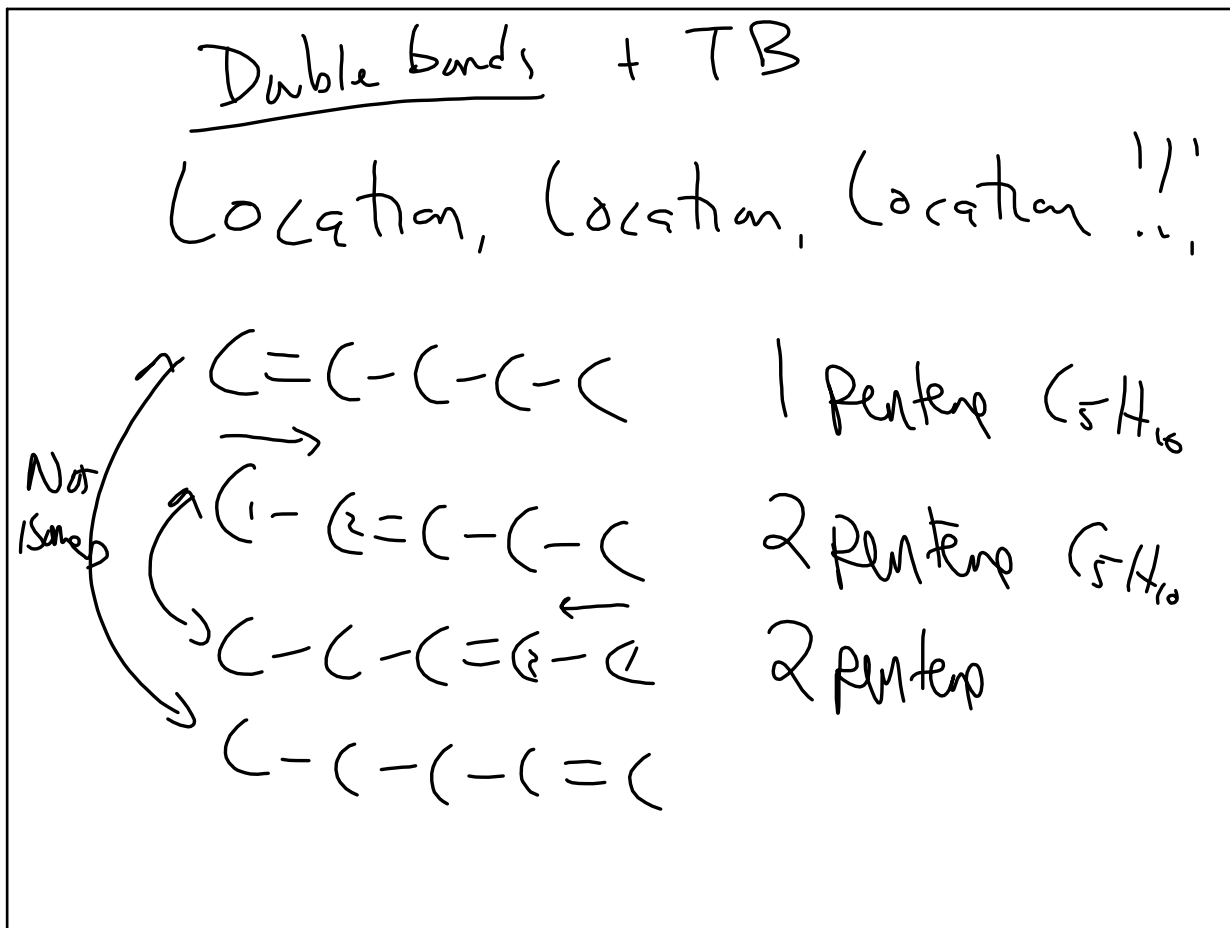
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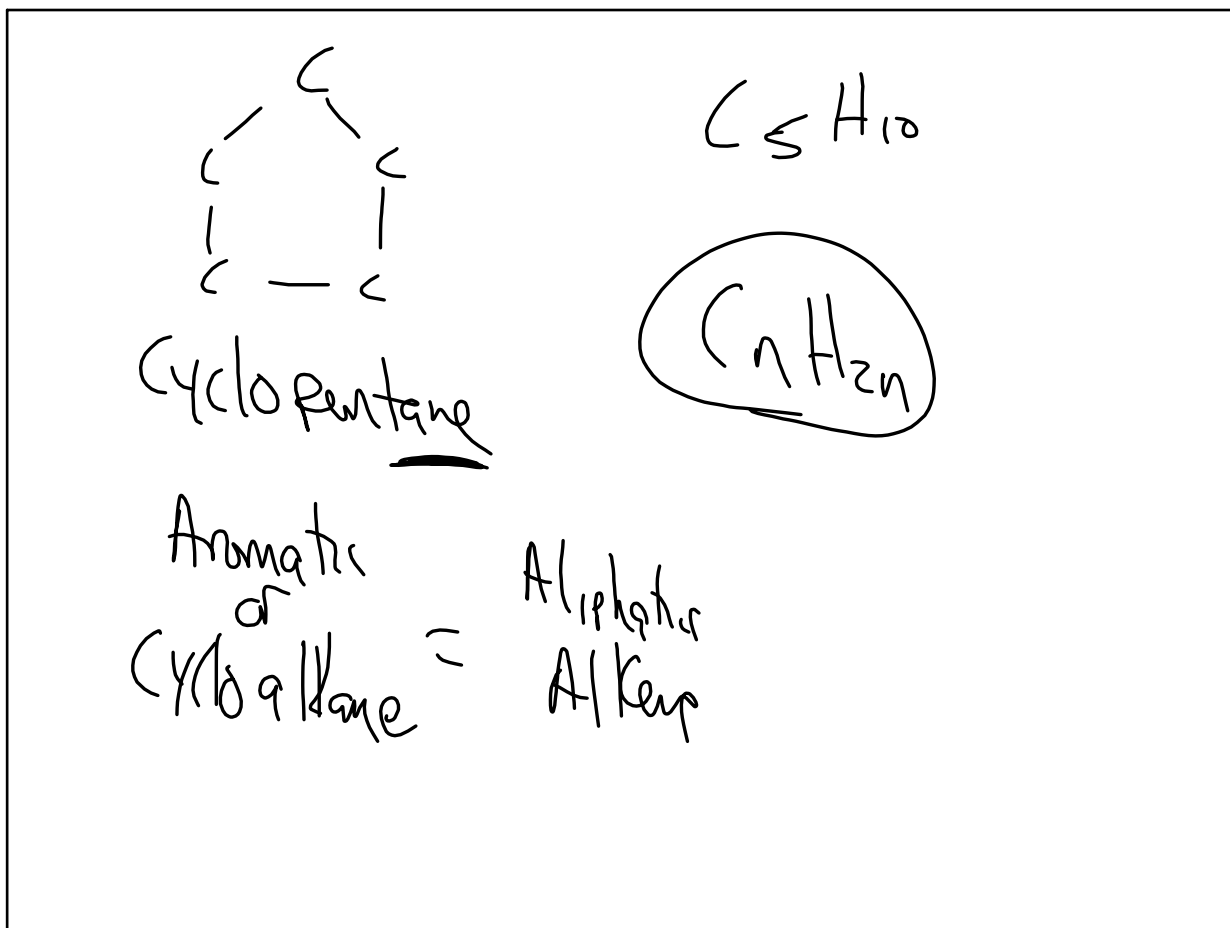
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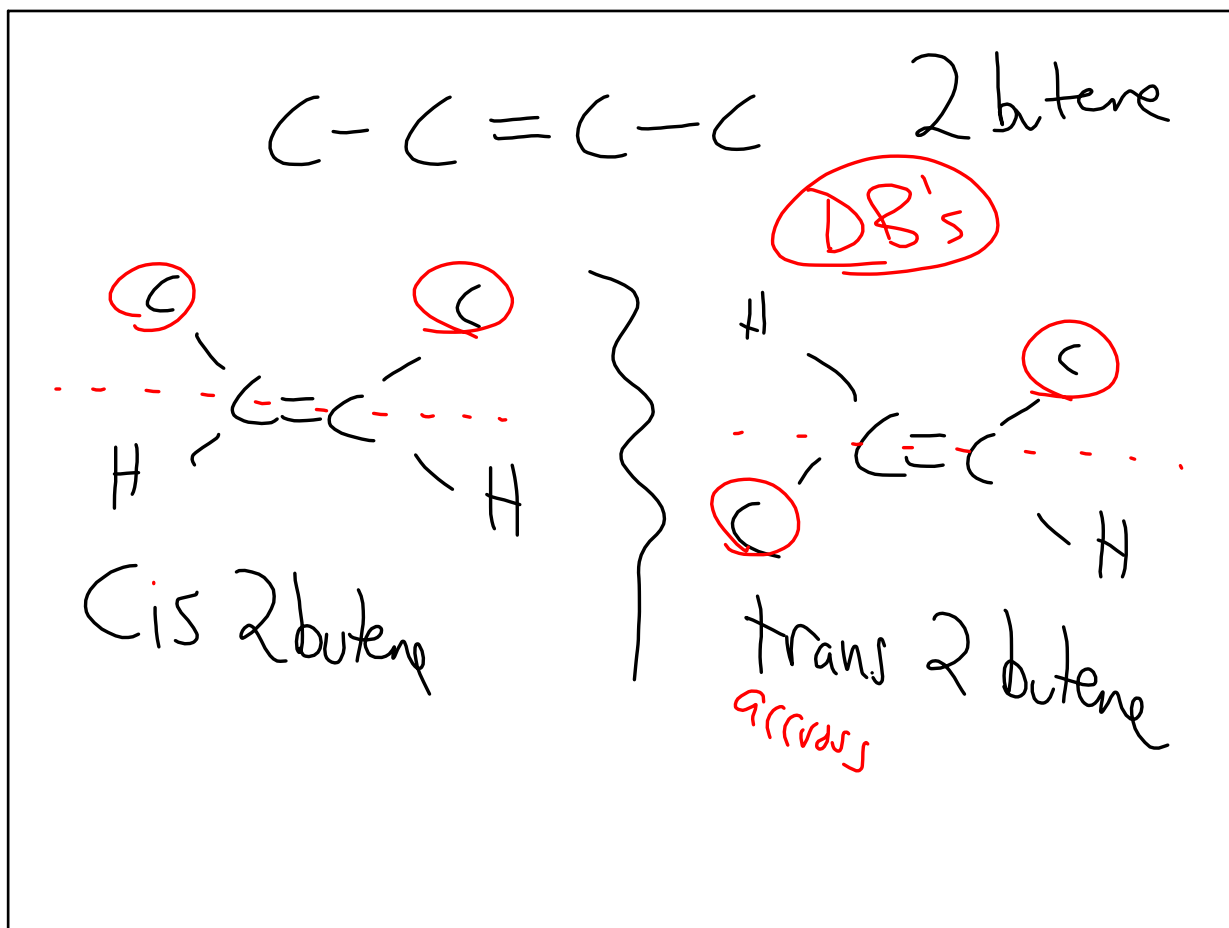
Apr 24-8:01 AM



Apr 24-8:02 AM



Apr 24-8:08 AM



Apr 24-8:10 AM

25/18, 22, 24, 27

Apr 24-8:13 AM