Today

Sections 3.8 – 3.10 Structures and properties of organic molecules

Sections 3.11 – 3.15 Rotation about single C–C bonds and conformations of cyclohexanes Next Class

Sections 4.1 and 4.2 Isomers and the stereoisomers of alkenes

Sections 4.3 - 4.8 Chirality

Bring Modeling Kits to Class

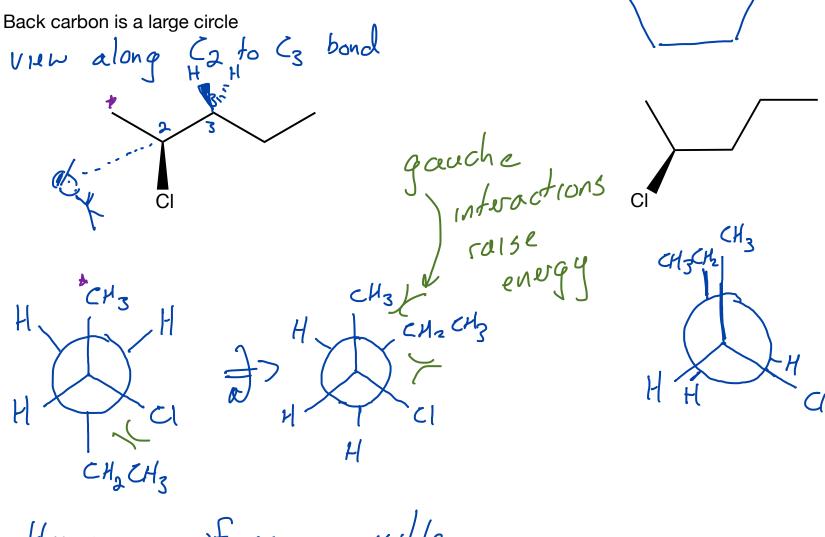
Newman Projections

Drawn as though one is looking along a bond

Front carbon is a where three bonds come together

eclipsed butane

Section 3.11

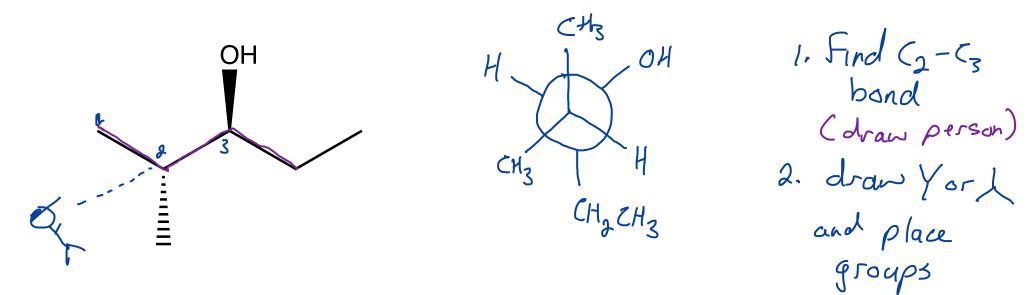


this is one of many possible

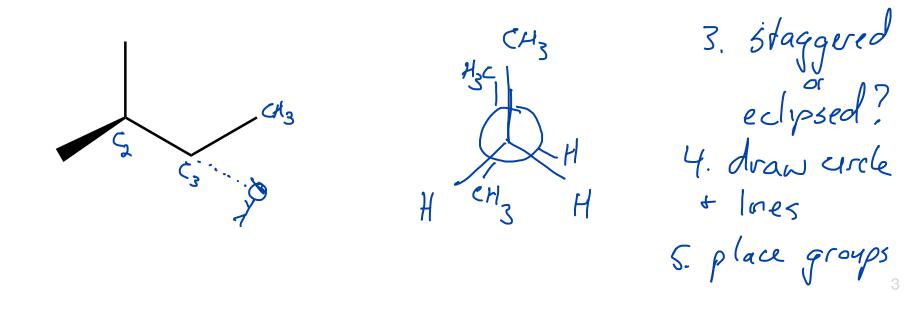
https://www.westfield.ma.edu/cmasi/organic/newman/newman-plain.html

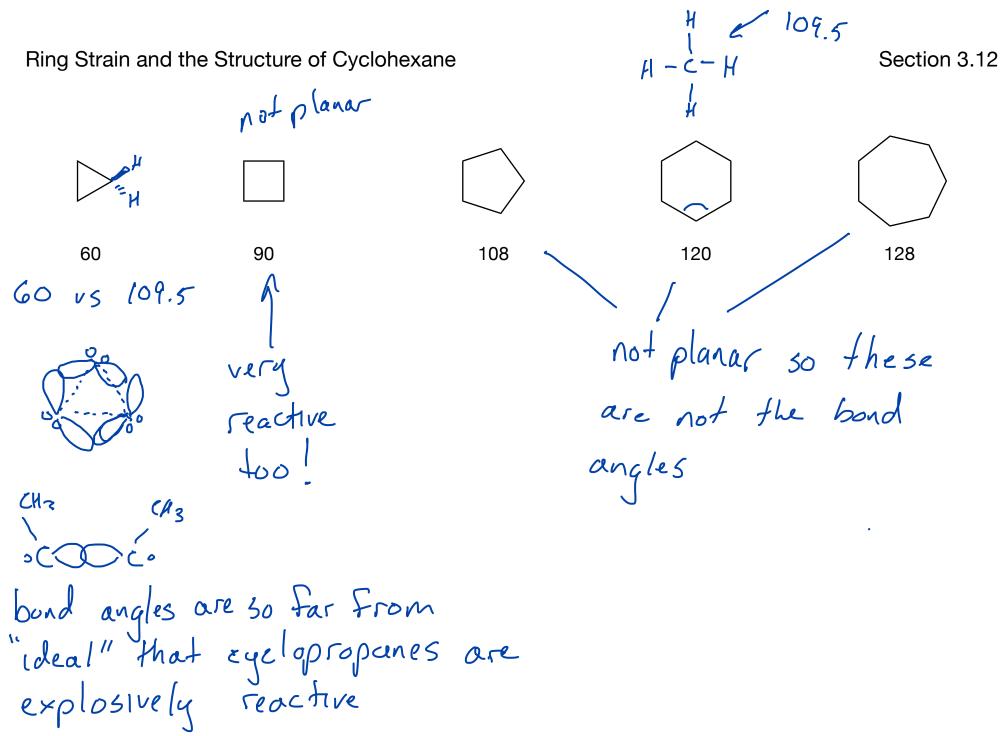
Practice Using Newman Projections

Draw the Newman projection along the C₂ to C₃ bond in the following structure



Draw the Newman projection along the C3 to C2 bond in the following structure





https://www.westfield.ma.edu/cmasi/organic/cyclohexanes/cyclohexanes-plain.html