

Appropriate Problems from McMurry Chap 4

Section 4.1 Naming Cycloalkanes: Problems 4-1 through 4-3, 4-22, 4-23, 4-28

Section 4.2 *Cis-trans* Isomerism in Cycloalkanes: Problems 4-4 through 4-7, 4-29, 4-32, 4-33, 4-54

Section 4.3 Stability of Cycloalkanes: Ring Strain:

Section 4.4 Conformations of Cycloalkanes: 4-11

Section 4.5 Conformations of Cyclohexane: 4-24, 4-25, 4-26, 4-31

Section 4.6 Axial and Equatorial Bonds in Cyclohexane: 4-12 through 4-14, 4-34, 4-36, 4-37, 4-38, 4-39, 4-41, 4-55, 4-58

Section 4.7 Conformations of Monosubstituted Cyclohexanes: 4-16

Section 4.8 Conformation of Disubstituted Cyclohexanes: 4-18, 4-19, 4-43, 4-44, 4-45, 4-46, 4-47

Section 4.9 Conformations of Polycyclic Molecules: 4-20, 4-52, 4-53

4-57