

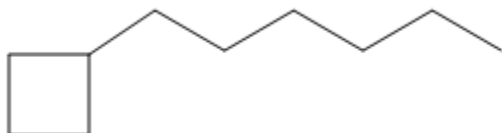
CONCEPT: CYCLOALKANE NOMENCLATURE

□ Monocyclic compounds are named by attaching the prefix “cyclo-” to the root chain.

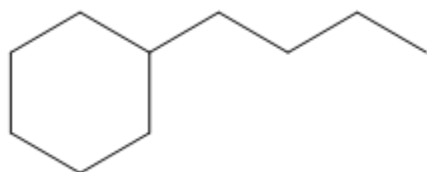
- The **root** is assigned to the portion of the alkane with the greater number of carbons:
- If there is only 1 substituent, the location can be _____.

EXAMPLE: Name the following alkanes:

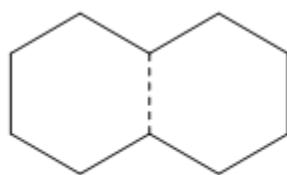
a.



b.

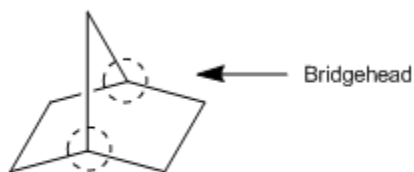


□ Bicyclic compounds are composed of _____ distinct rings attached along one bond.



Decalin

□ Bridged compounds are unique types of bicyclic molecules composed of _____ compound rings attached by _____ atoms.



← Bridgehead

Norbornane