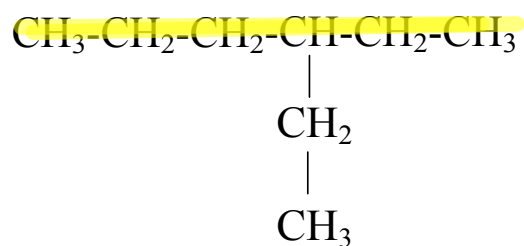
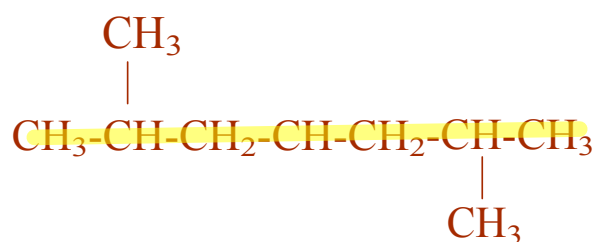


Warm Up

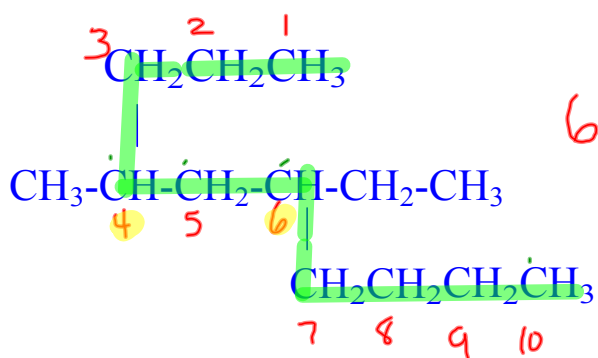
Name the following molecules:



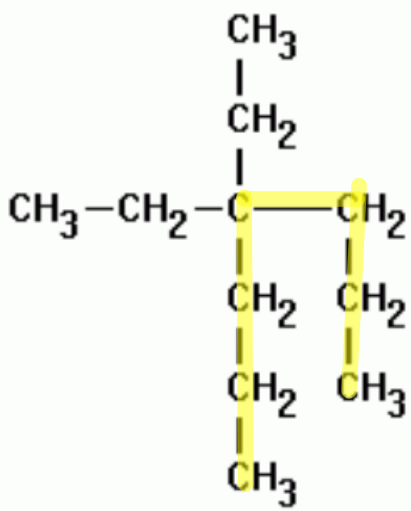
ethyl hexane



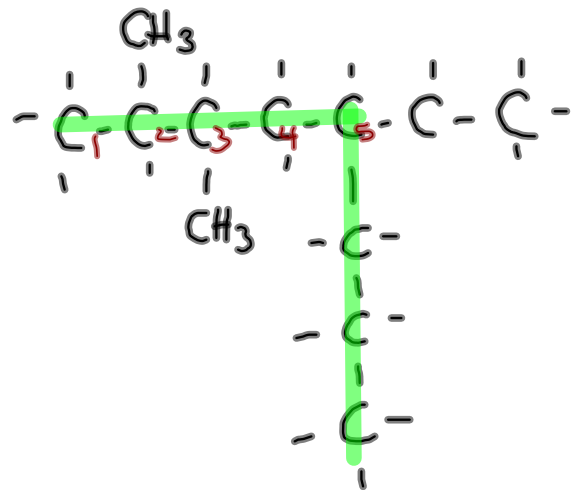
2,6-dimethylheptane



6-ethyl-4-methyldecane

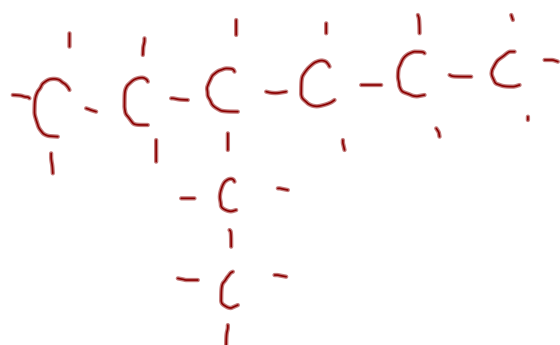


4,4 - diethylheptane



5-ethyl-2,3-dimethyloctane

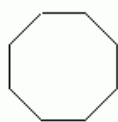
ethylhexane



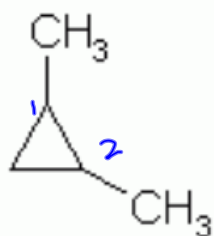
Naming Cycloalkanes

Same rules apply as naming branched alkanes:

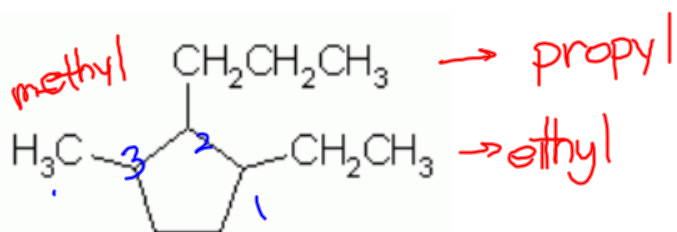
- Name parent (ring)
- Number carbons in parent with branches beginning on first carbon (lowest numbering possible)
- Put branches in alphabetical order



cyclooctane



1,2-dimethylcyclopropane



1-ethyl-3-methyl-2-propylcyclopentane



Homework

Worksheets

Naming Alkanes