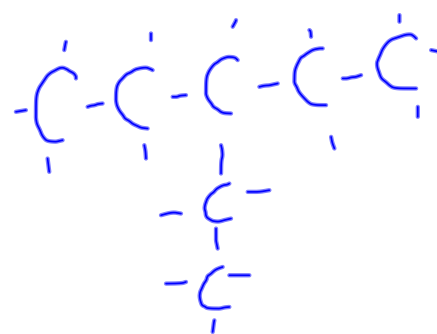
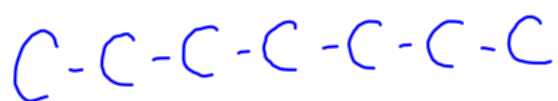
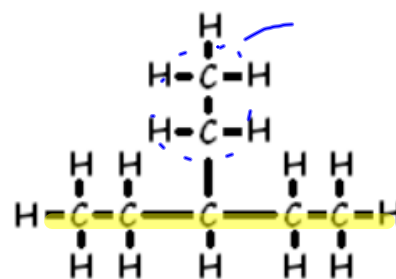
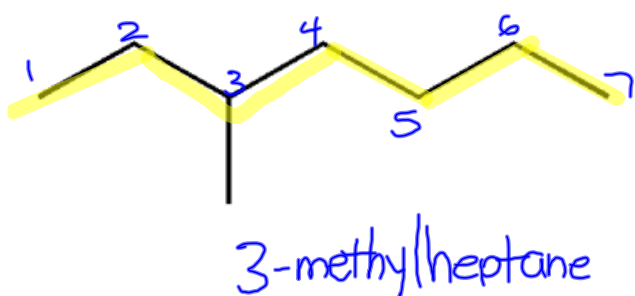


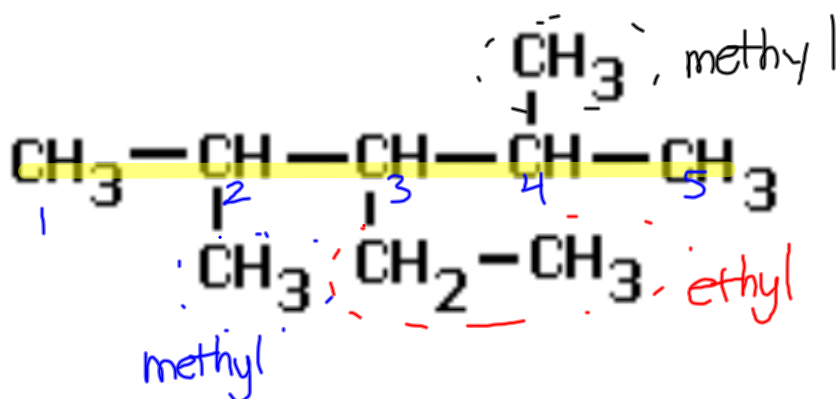
Warm Up



Multiple Branches

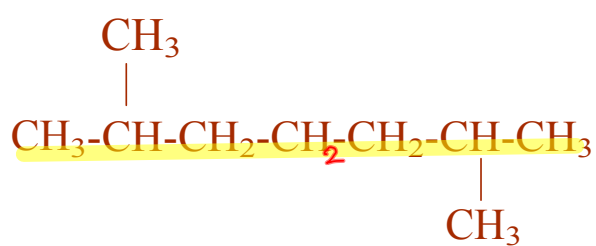
If there are multiple branches, the branches are listed in alphabetical order when writing the name of the alkane.

Ex.

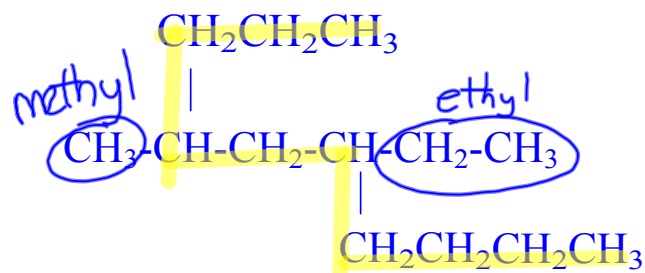


ethyl-2,4-dimethylpentane

Name the following molecules:

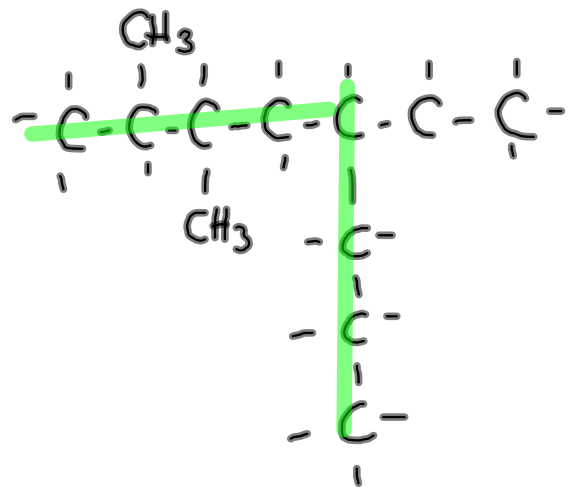
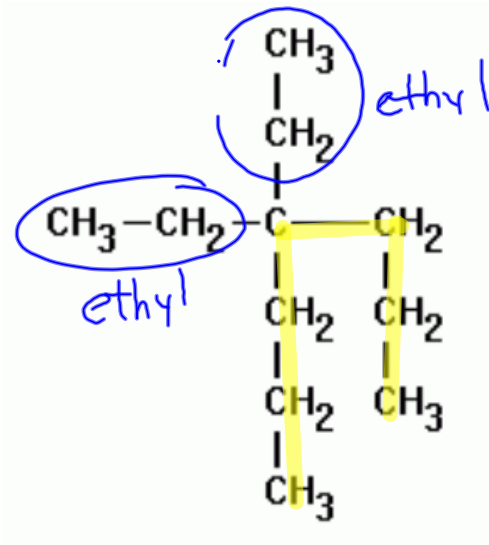


2,6-dimethylheptane



6-ethyl-4-methyldecane

5-ethyl-2,3-dimethyloctane



4,4-diethylheptane

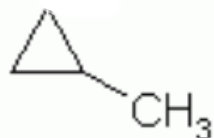
Naming Cycloalkanes

Same rules apply as naming branched alkanes:

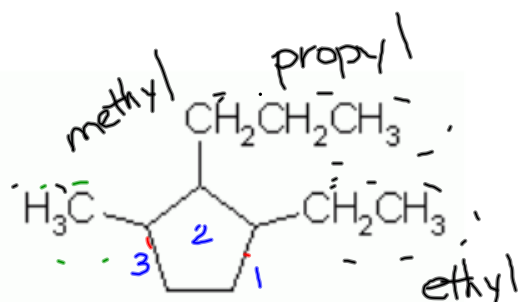
- Name parent (ring)
- Number carbons in parent with branches beginning on first carbon (lowest numbering possible)
- Put branches in alphabetical order



cyclooctane



methyl | cyclopropane



1-ethyl-3-methyl-2-propyl | cyclopentane

Organic Naming Worksheet