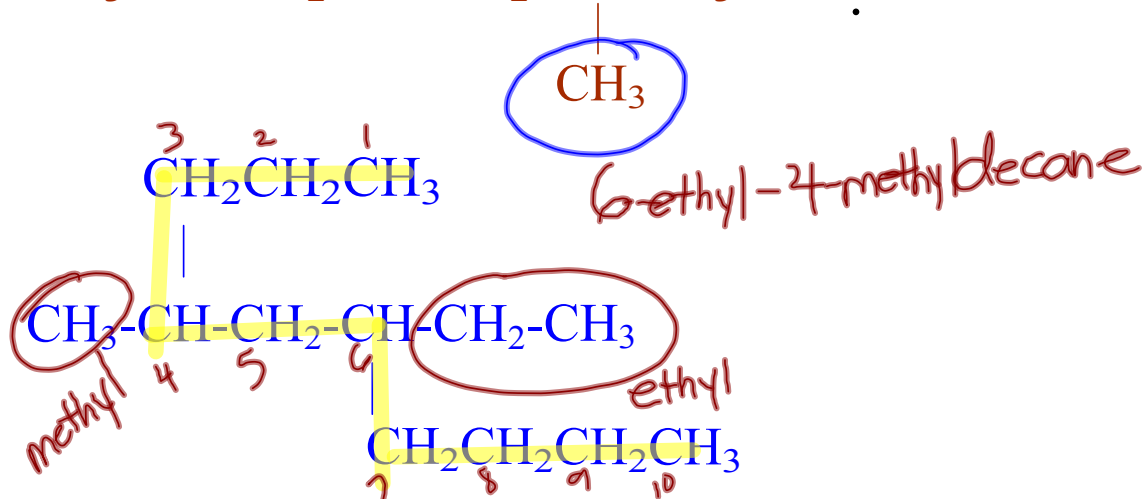
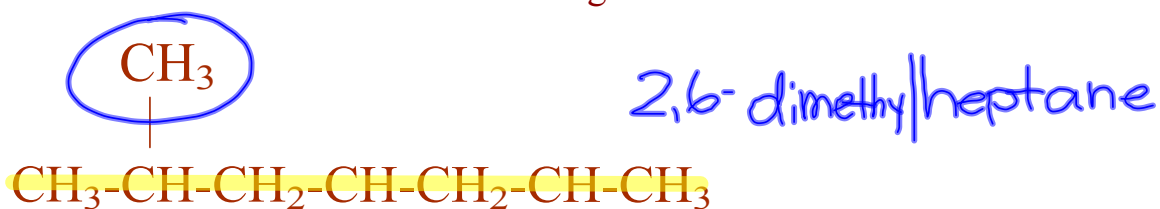
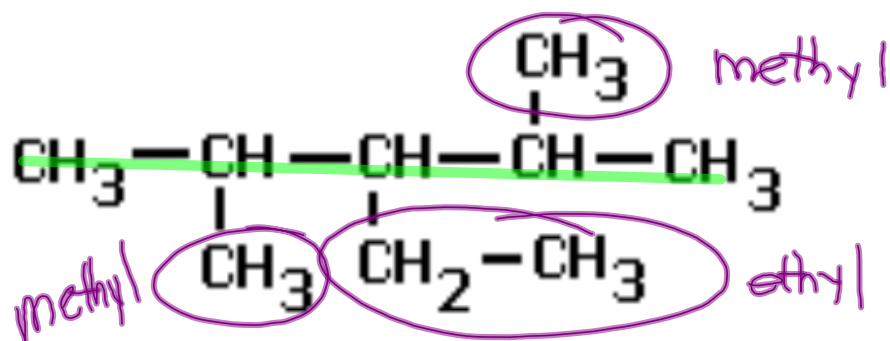


Warm Up

Name the following molecules:





ethyl - 2,4-dimethylpentane

1. Find parent chain.

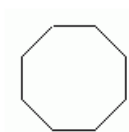
2. Number the chain with the end closest to the branch.

3. Put branches in alphabetical order.

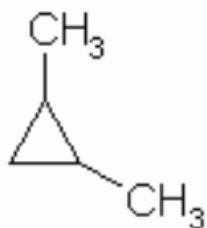
Naming Cycloalkanes

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

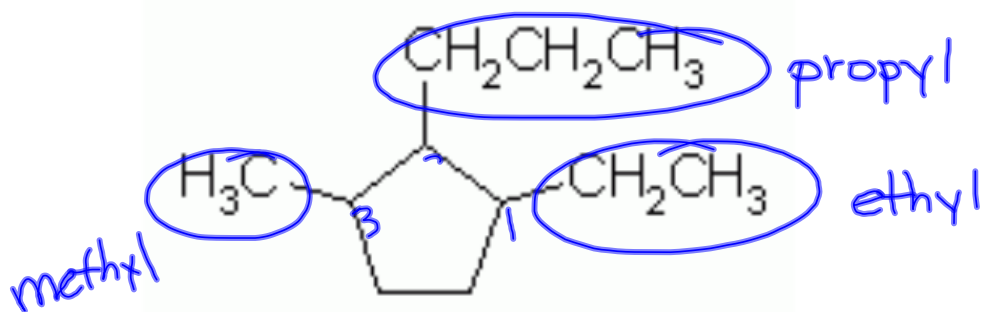


cyclooctane



methylcyclopropane

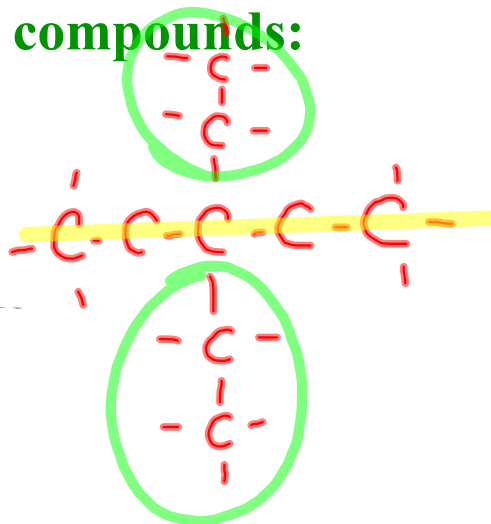
1,2-dimethylcyclopropane



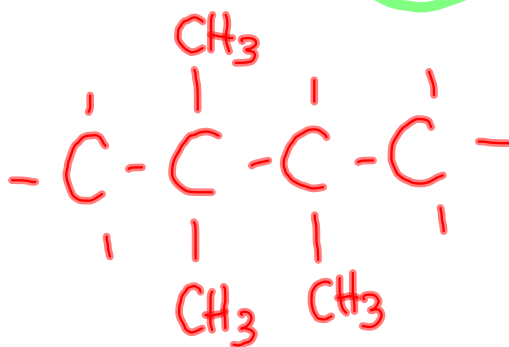
1-ethyl-3-methyl-2-propylcyclopentane

Draw the following compounds:

a) diethylpentane



c) trimethylbutane





Homework

Worksheet #2 Naming Alkanes