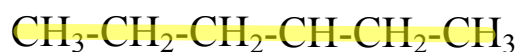
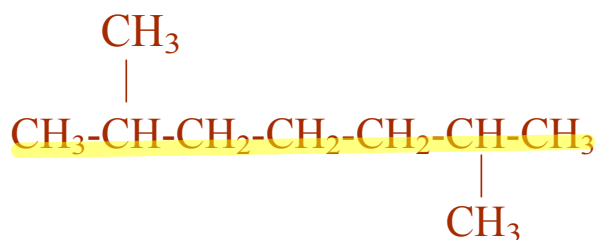


## Warm Up

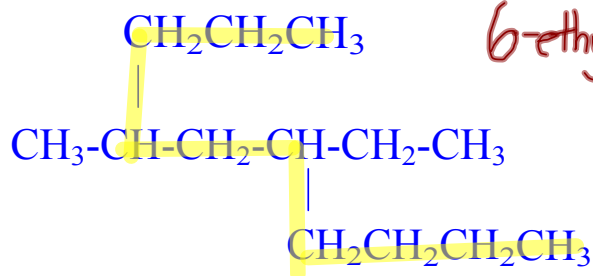
Name the following molecules:



ethylhexane



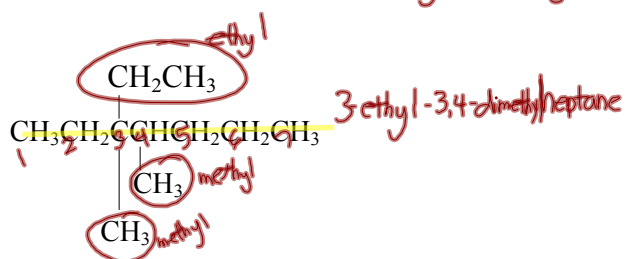
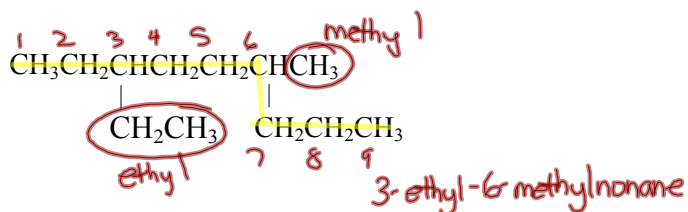
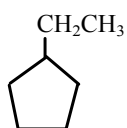
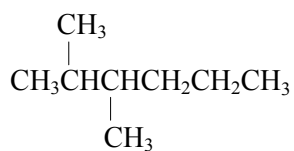
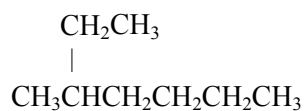
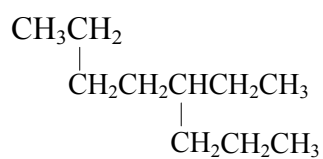
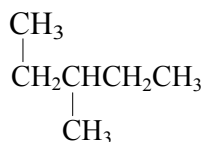
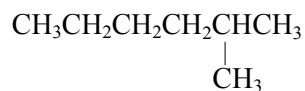
2,6-dimethylheptane



6-ethyl-4-methyldecane

# Day 6 - Drawing alkanes

## Check Homework #1 a - h

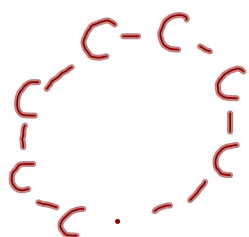
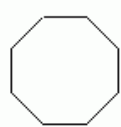




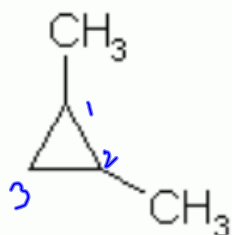
# Naming Cycloalkanes

Same rules apply as naming branched alkanes:

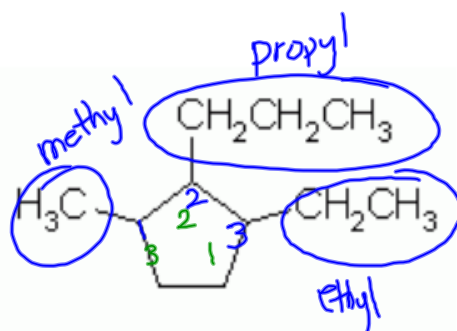
- Name parent (ring)
- Number carbons in parent with branches beginning on first carbon (lowest numbering possible)
- Put branches in alphabetical order



cyclooctane



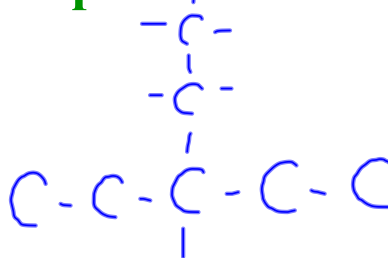
1,2-dimethylcyclopropane



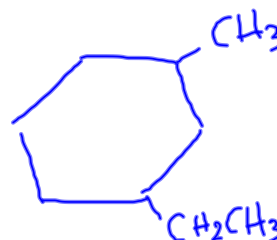
1-ethyl-3-methyl-2-propylcyclopentane

**Draw the following compounds:**

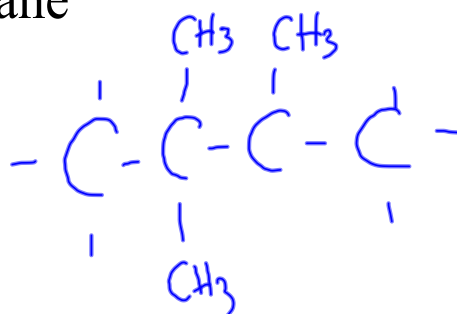
a) diethylpentane



b) 1-ethyl-3-methylcyclohexane



c) trimethylbutane



# Homework

## Worksheet #2 Naming Alkanes