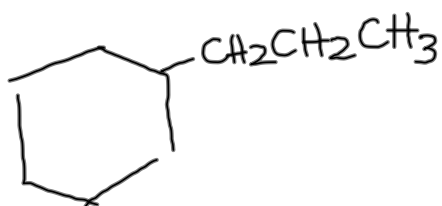
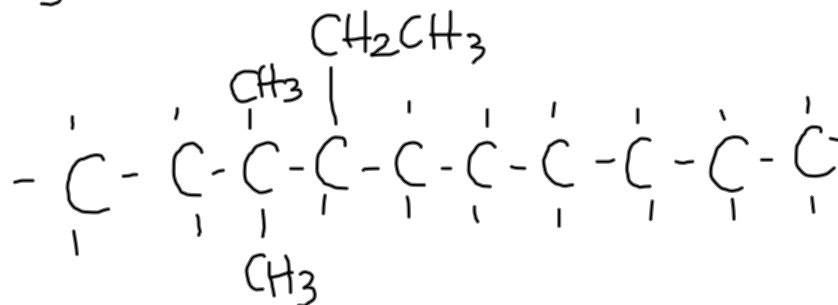


# Worksheet - Naming Alkanes

b) propylcyclohexane



f) 4-ethyl-3,3-dimethyl  
decane

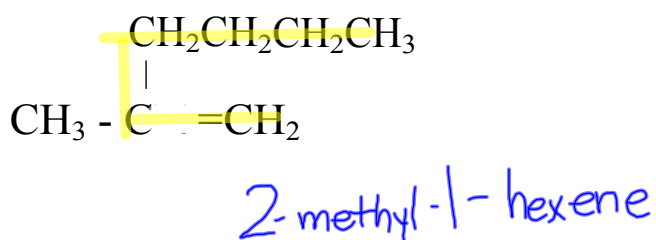
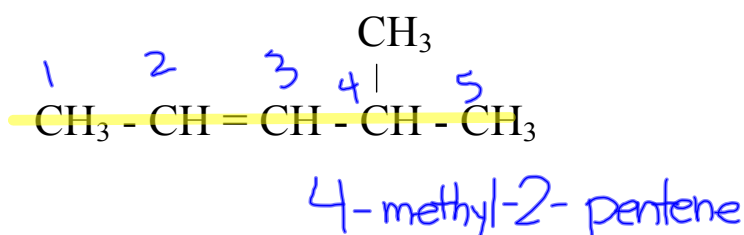
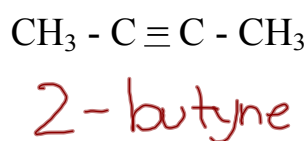
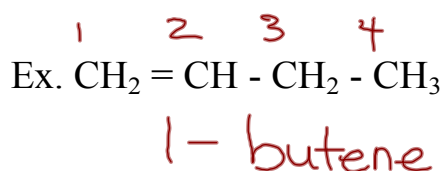


# Naming Alkanes Worksheet #2

## Naming Alkenes / Alkynes

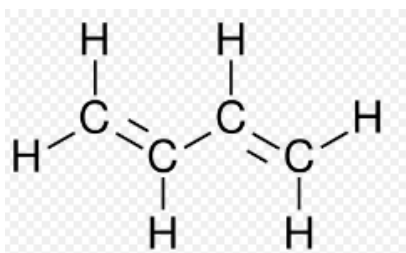
Naming alkenes (double bonds) and alkynes (triple bonds) are very similar to alkanes. When naming, take these two points into consideration:

- the longest parent chain of carbon atoms must include the multiple bond, and the chain is numbered from the end closest to the multiple bond
- the name of the compound's parent chain is preceded by a number that indicates the position of the multiple bond on the parent chain.

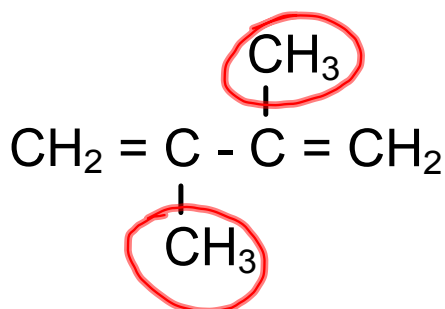


## Multiple Multiple Bonds

If there is more than one multiple bond in an organic compound, the name of the compound is changed to a \_\_\_\_\_diene, with the placing of the double bonds indicated at the beginning of the parent name.



1,3-butadiene



dimethyl-1,3-butadiene

# Homework

## Worksheet 46