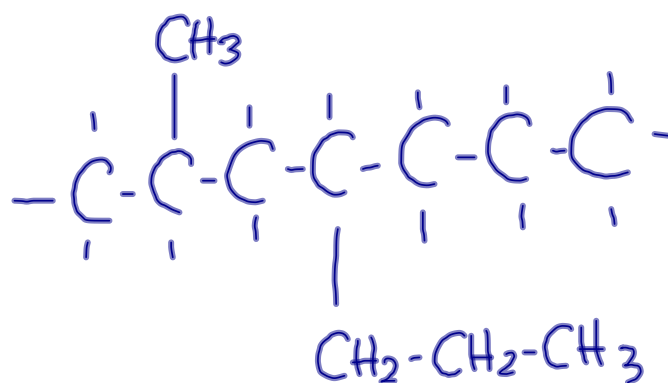
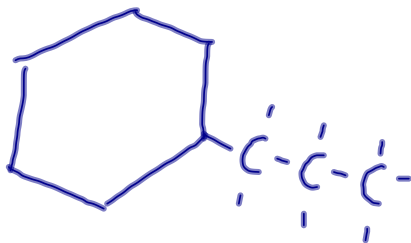


Worksheets - Naming Alkanes

2-methylpropylheptane



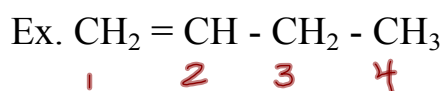
b) propylcyclohexane



Naming Alkenes / Alkynes

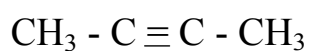
Naming alkenes (double bonds) and alkynes (triple bonds) are very similar to alkanes. When naming, take these two points into consideration:

- 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.

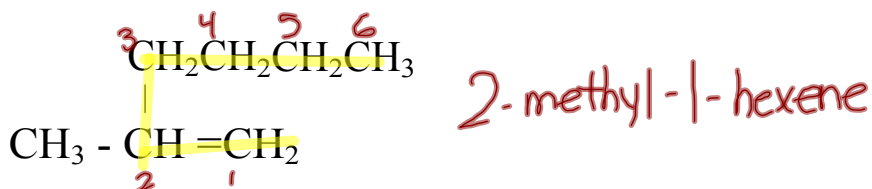
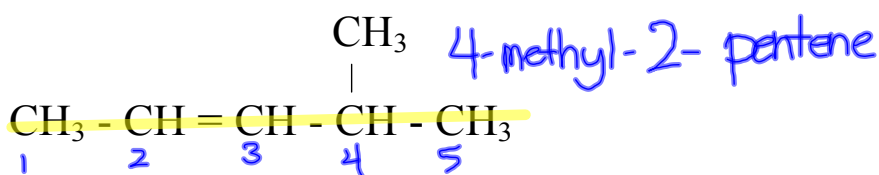


1 2 3 4

1-butene

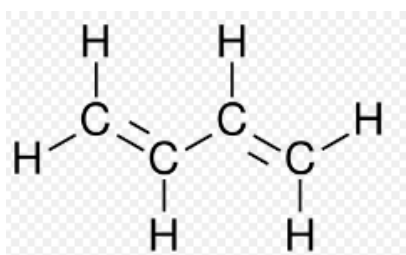


2-butyne



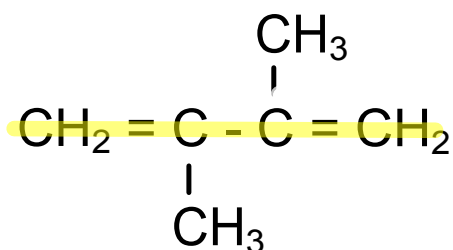
Multiple Multiple Bonds

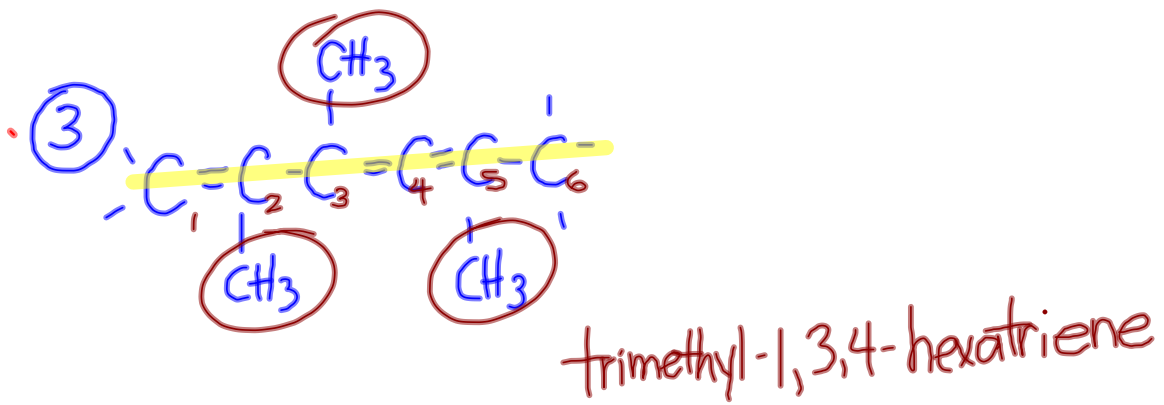
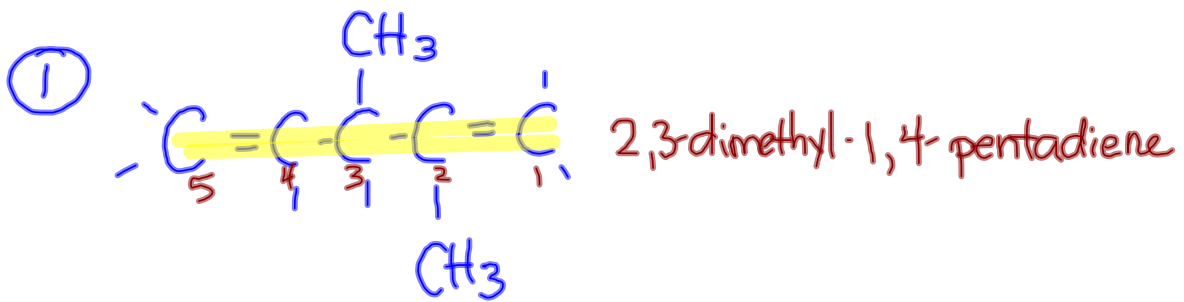
If there is more than one multiple bond in an organic compound, the name of the compound is changed to a diene, with the placing of the double bonds indicated at the beginning of the parent name.

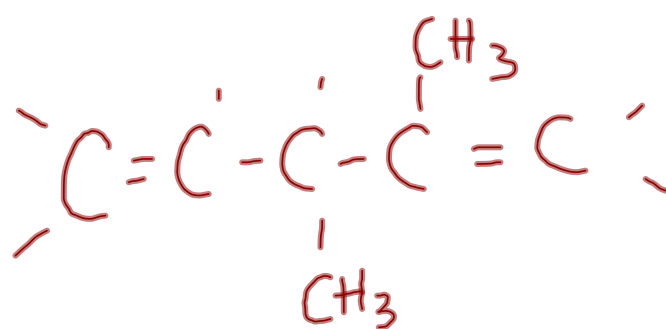


1,3-butadiene

dimethyl-1,3-butadiene







Homework

Worksheet 46