

Organic Chemistry Nomenclature Project
Hydrocarbons

Questions marked with * may require research beyond the IUPAC system studied in class.



cyclohexane

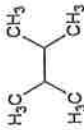
1) _____



3,4,6-trimethyl-1-nonane

3) _____

2) 2,3-dimethylbutane



3,5-diethyl-5,7,7-trimethyl-6-propyldecane

4) _____



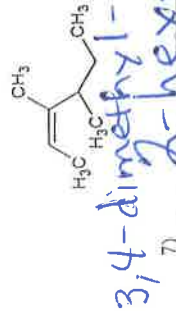
6) 2-butyne

5) _____



1,4-pentadiene

7) _____



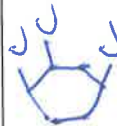
3,4-dimethyl-1-hexene

7) _____



3-propylcyclopentene

9) _____



1,2,4-trimethylcyclohexane

11) _____

10) 3,3-dimethylcyclobutene



12) 3-hexyne

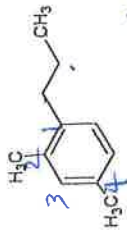
Organic Chemistry Nomenclature Project
Aromatics



e-c-c-c-c

1) _____

2-phenylpentane



2,4-dimethyl-1-propylbenzene

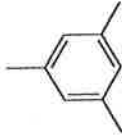
4) _____



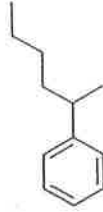
p-butylmethylbenzene

c=c-c=c

5) 1,3,5-trimethylbenzene



2-phenyl-1,3-butadiene

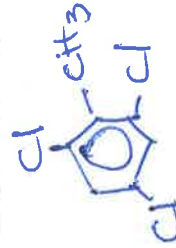


8) 2-phenylhexane

1,2-dimethylbenzene



7) _____



2-methyl-1,3,5-trichlorobenzene

9) _____



10) p-dimethylbenzene
or
1,4-dimethylbenzene

1,4-dimethylbenzene