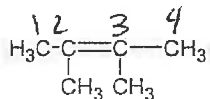
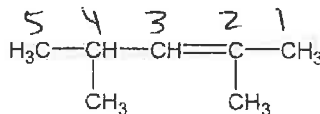


Key

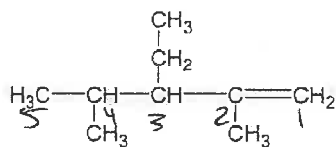
Naming Alkenes Worksheet



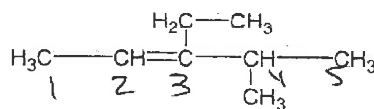
2,3-dimethyl-2-butene



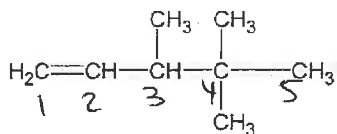
2,4-dimethyl-2-pentene



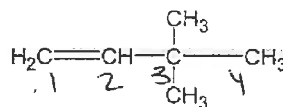
3-ethyl-2,4-dimethyl-1-pentene



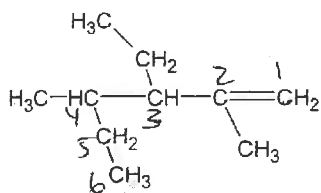
3-ethyl-4-methyl-2-pentene



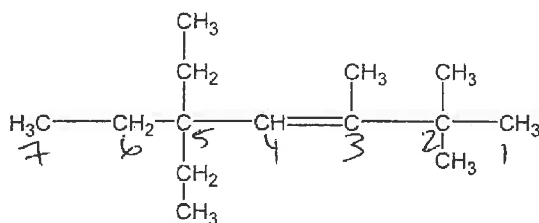
3,4,4-trimethyl-1-pentene



3,3-dimethyl-1-butene



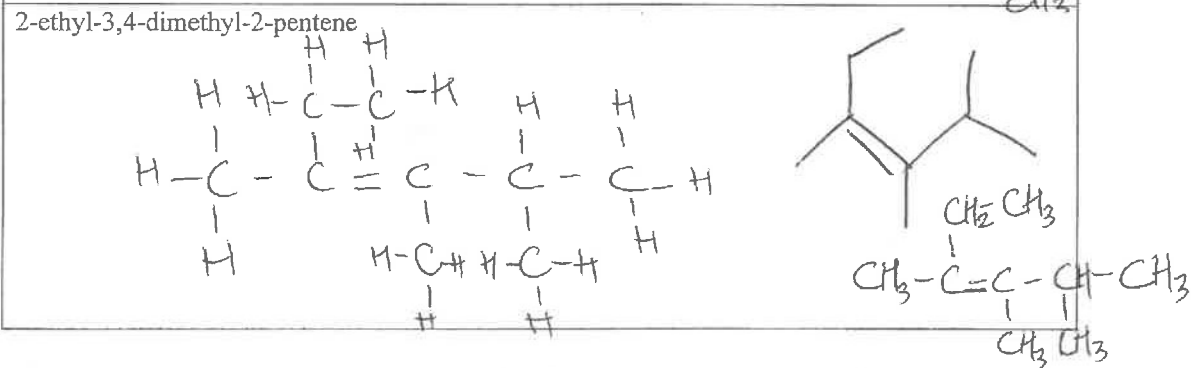
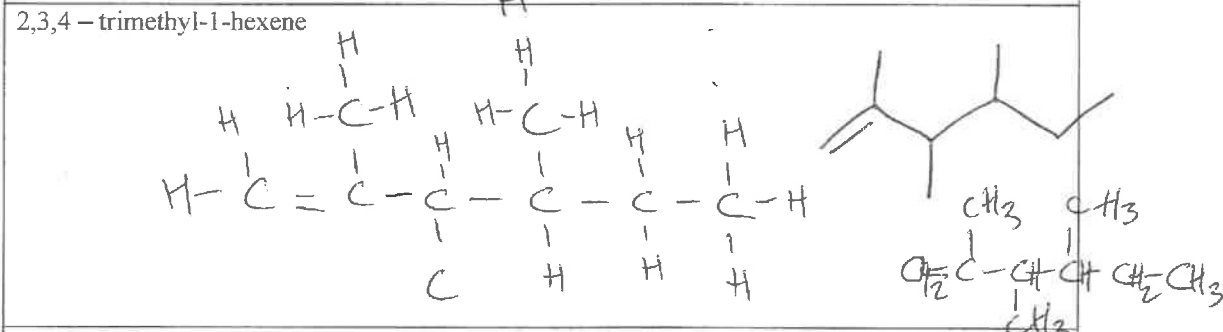
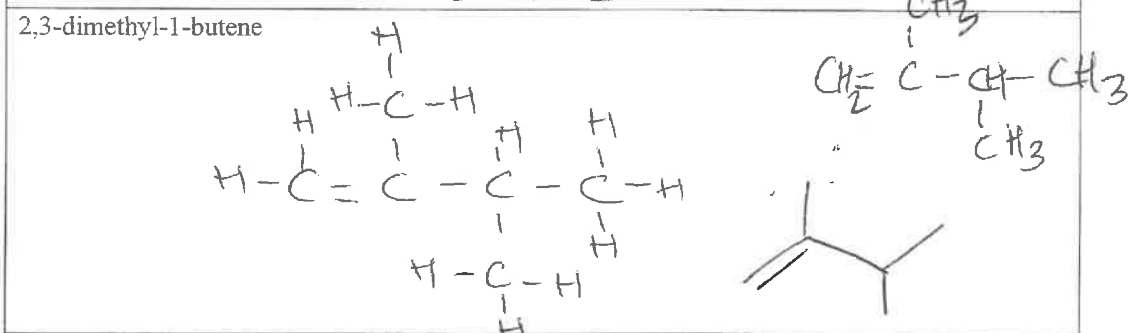
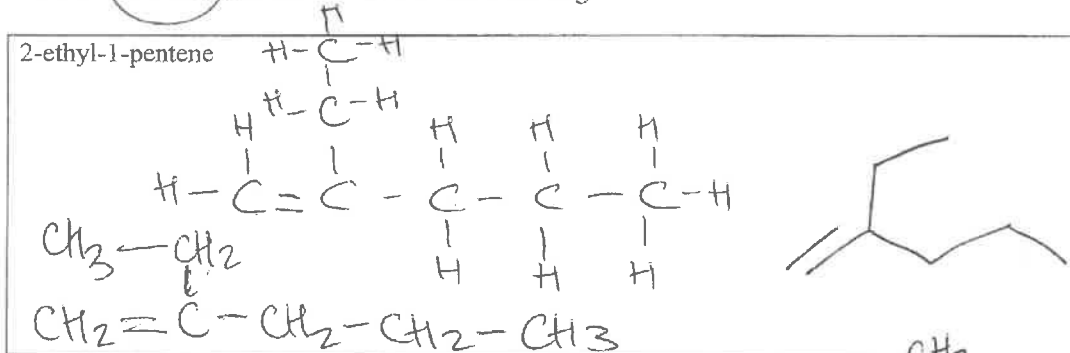
3-ethyl-2,4-dimethyl-1-hexene



5,5-diethyl-2,2-dimethyl-3-heptene

Naming Alkenes Worksheet #2

Draw the structural formula for each of the following:

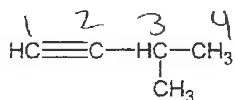


CH30S

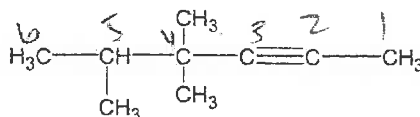
- 1) 2,3-dimethyl-2-butene 2) 2,4-dimethyl-2-pentene 3) 3-ethyl-2,4-dimethylpentene
 4) 3-ethyl-4-methyl-2-pentene 5) 3,4,4-trimethyl-1-pentene 6) 3,3-dimethyl-1-butene
 7) 3-ethyl-2,4-dimethyl-1-hexene 8) 5,5-diethyl-2,2,3-trimethyl-3-heptene 9-12) see website

key

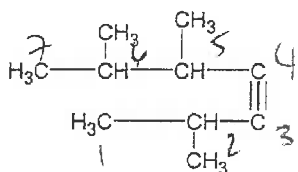
Naming Alkynes Worksheet #1



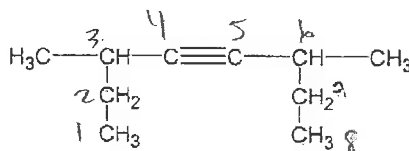
3-methyl-1-butyne



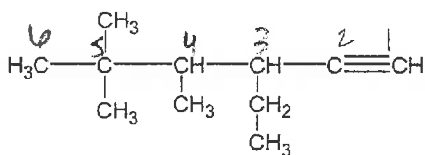
4,4,5-trimethyl-2-hexyne



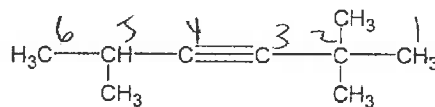
2,5,6-trimethyl-3-hexyne



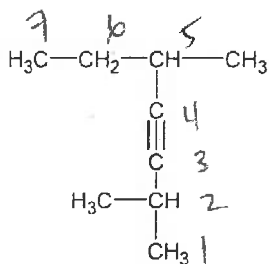
3,6-dimethyl-4-octyne



3-ethyl-4,5-dimethyl-1-hexyne

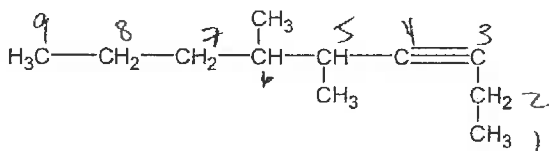


2,2,5-trimethyl-3-hexyne



2,5-dimethyl-3-heptyne

CH30S

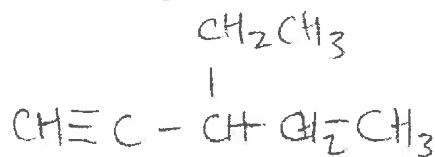


5,6-dimethyl-3-nonyne

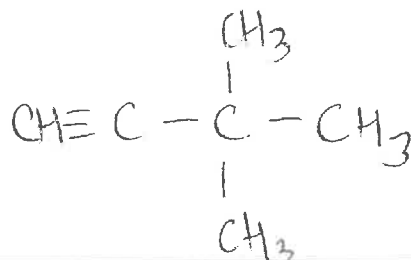
Naming Alkynes Worksheet #2

Draw the structural formula for each of the following:

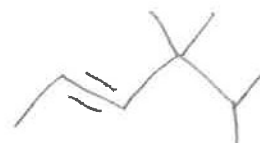
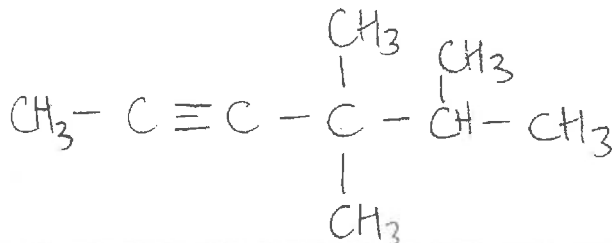
3-ethyl-1-pentyne



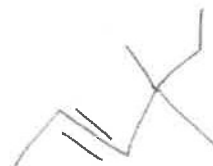
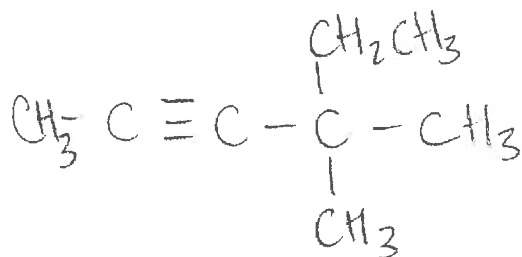
3,3-dimethyl-1-butyne



4,4,5-trimethyl-2-hexyne



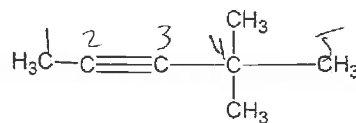
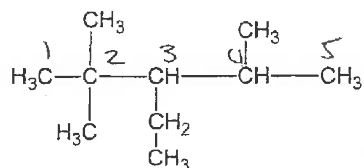
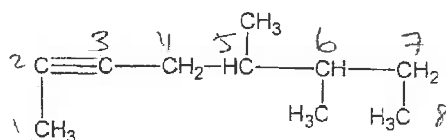
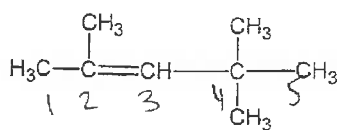
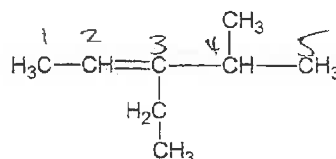
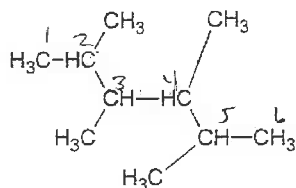
4-ethyl-4-methyl-2-pentyne



- CH30S
- 1) 3-methyl-1-butyne 2) 4,4,5-trimethyl-2-hexyne 3) 2,5,6-trimethyl-3-heptyne
 4) 3,6-dimethyl-4-octyne 5) 3-ethyl-4,5,5-trimethyl-1-hexyne 6) 2,2,5-trimethyl-3-hexyne
 7) 2,5-dimethyl-3-heptyne 8) 5,6-dimethyl-3-nonyne 9-12) see website

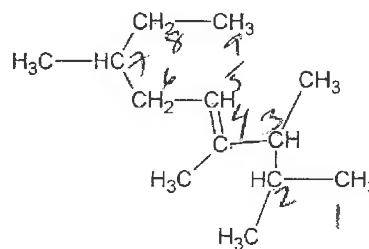
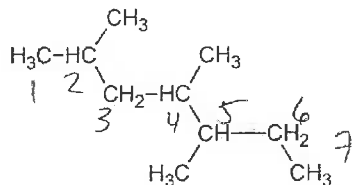
Key

Mixed Naming Worksheet



3-ethyl-2,2,4-trimethylpentane

4,4-dimethyl-2-pentyne



CH30S

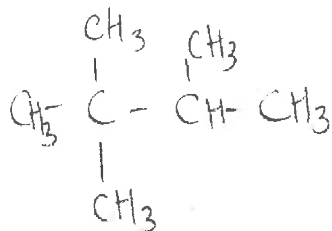
2,4,5-trimethylheptane

2,3,4,7-tetramethyl-4-nonene

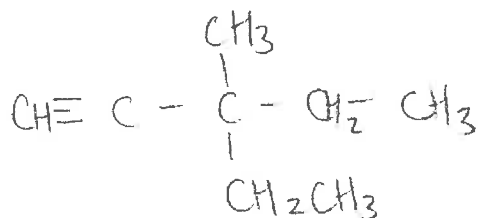
Mixed Naming Worksheet #2

Draw the structural formula for each of the following:

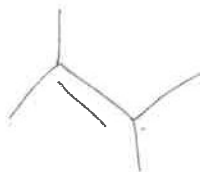
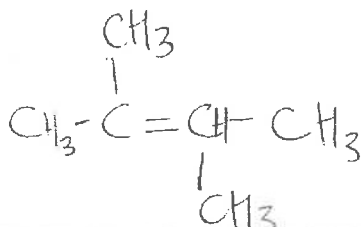
2,2,3-trimethylbutane



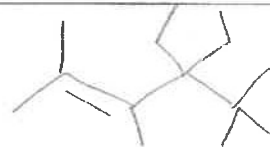
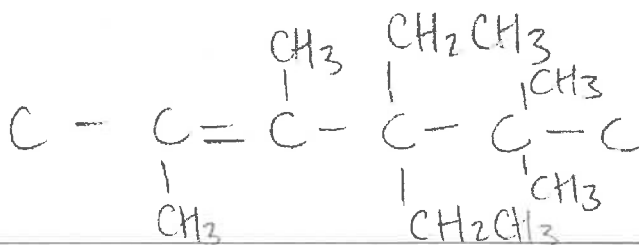
3-ethyl-3-methyl-1-pentyne



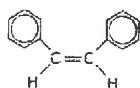
2,3-dimethyl-2-butene



4,4-diethyl-2,3,5,5-tetramethyl-2-hexene



- CH30S 1) 2,3,4,5-tetramethylhexane 2) 3-ethyl-4-methyl-2-pentene 3) 2,4,4-trimethyl-2-pentene
 4) 5,6-dimethyl-2-octyne 5) 3-ethyl-2,2,4-trimethylpentane 6) 4,4-dimethyl-2-pentyne
 7) 2,4,5-trimethylheptane 8) 2,3,4,7-tetramethyl-4-nonene 9-12) see website



Aromatic Hydrocarbons

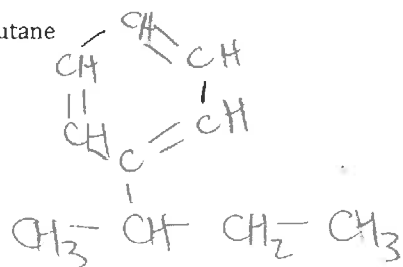
Name: *Key*

Date:

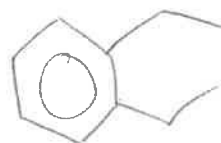
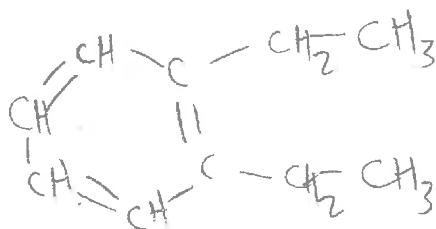
1.		4-phenyl-2-hexene
2.		1-ethylbenzene
3.		1,3-dimethylbenzene
4.		1,2-dimethylbenzene
5.		3-methyl-2-phenylbenzene
6.		3-methyl-1-propylbenzene
7.		2,2-dimethyl-5-phenylhexane

Draw the condensed structural formula for the following organic compounds:

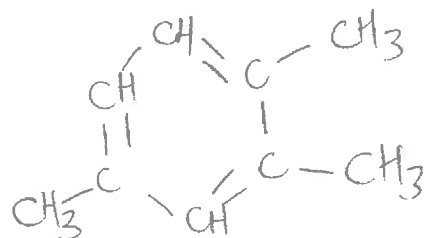
8. 2-phenylbutane



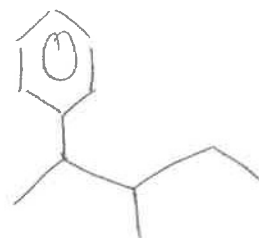
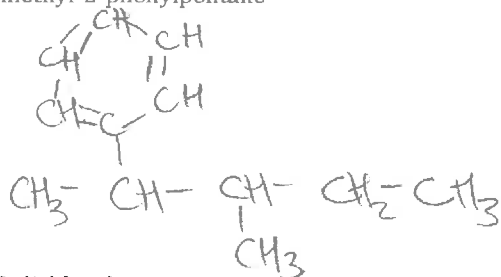
9. 1,2-diethylbenzene



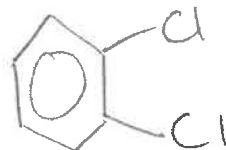
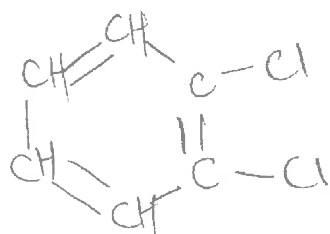
10. 1,2,4-trimethylbenzene



11. 3-methyl-2-phenylpentane



12. 1,2-dichlorobenzene



- 1) 4-phenyl-2-hexene 2) ethylbenzene 3) 1,3-dimethylbenzene 4) 1,2-dimethylbenzene
 5) 3-methyl-2-phenylbutane 6) 3-methyl-1-propylbenzene 7) 2,2-dimethyl-5-phenylhexane
 8-12) see website