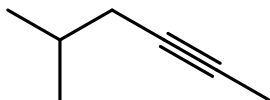


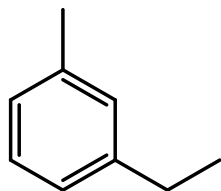
Alkyne and aromatic Nomenclature Worksheet

1. Give the IUPAC name of the following:

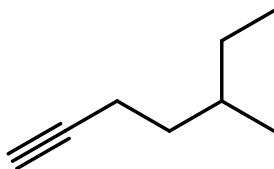
a)



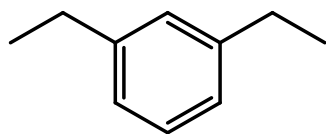
b)



c)



d)



2. Draw the structure for each of the compounds named below:

a)

6,6-diethyl-3-octyne

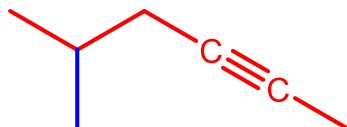
b) 4-methyl-2-pentyne

c) 1,4-dipropylbenzene

ANSWERS

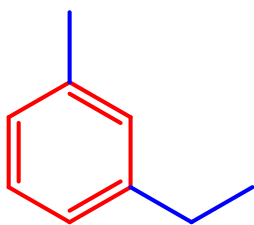
1. For each answer, the parent chain is shown in red and substituents are shown in blue.

a)



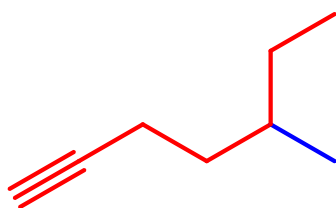
5-methyl-2-hexyne

b)



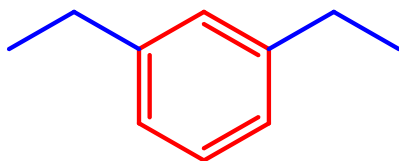
1-ethyl-3-methylbenzene

c)



5-methyl-1-heptyne

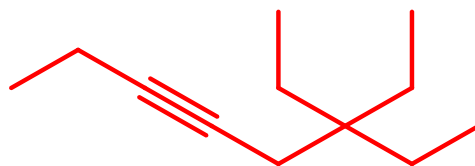
d)



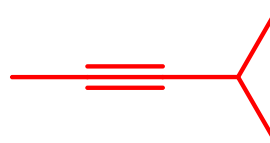
1,3-diethylbenzene

2. Draw the structure for each of the compounds named below:

a) 6,6-diethyl-3-octyne



b) 4-methyl-2-pentyne



c) 1,4-dipropylbenzene

