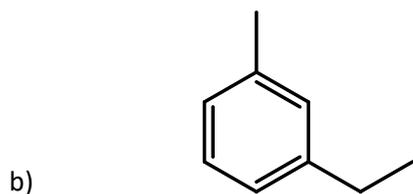


## Alkyne and aromatic Nomenclature Worksheet

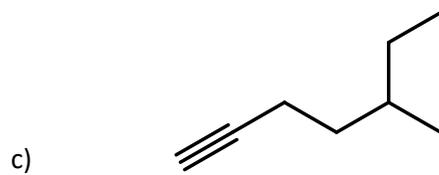
1. Give the IUPAC name of the following:



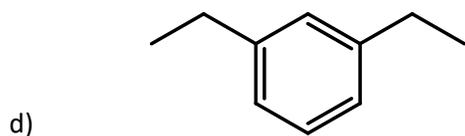
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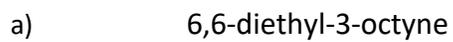


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2. Draw the structure for each of the compounds named below:

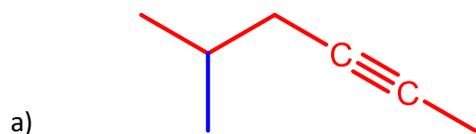


b) 4-methyl-2-pentyne

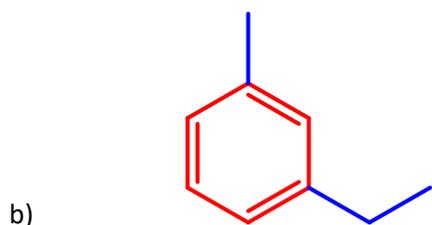
c) 1,4-dipropylbenzene

ANSWERS

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



5-methyl-2-hexyne



1-ethyl-3-methylbenzene



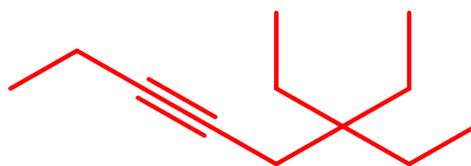
5-methyl-1-heptyne



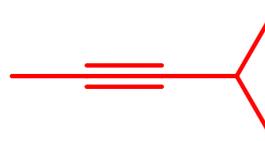
1,3-diethylbenzene

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

