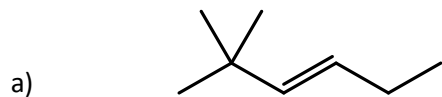
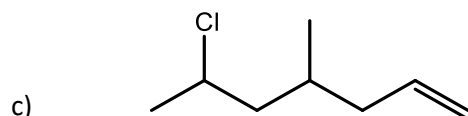


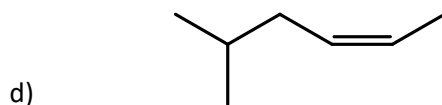
Alkene Nomenclature Worksheet

1. Give the IUPAC name of the following:

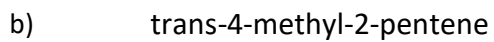
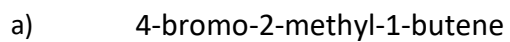






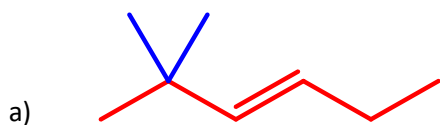


2. Draw the structure for each of the compounds named below:

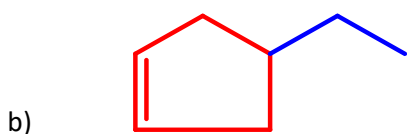


ANSWERS

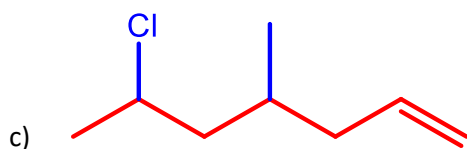
1. For each answer, the parent chain is shown and red and substituents are shown in blue.



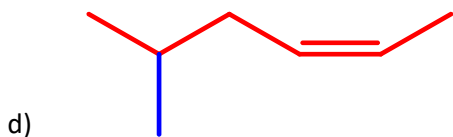
trans-2,2-dimethyl-3-hexene



4-ethylcyclopentene



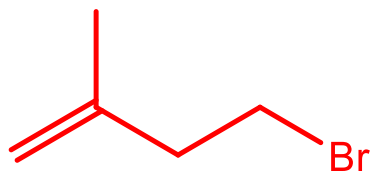
6-chloro-4-methyl-1-heptene



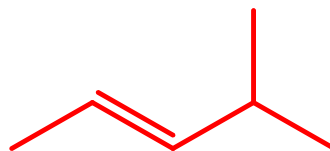
cis-5-methyl-2-hexene

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

a) 4-bromo-2-methyl-1-butene



b) trans-4-methyl-2-pentene



c) 1,4-dimethylcyclobutene

