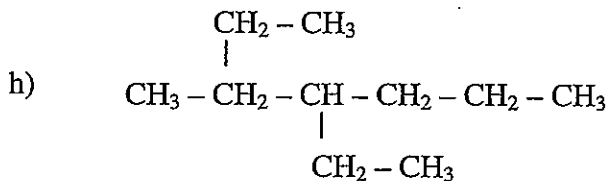
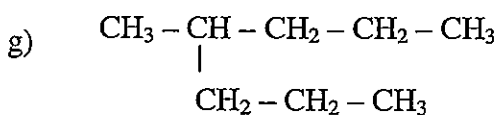
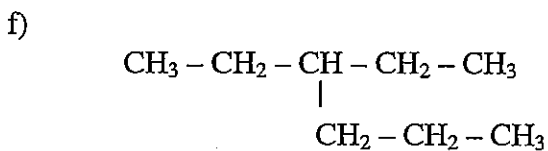
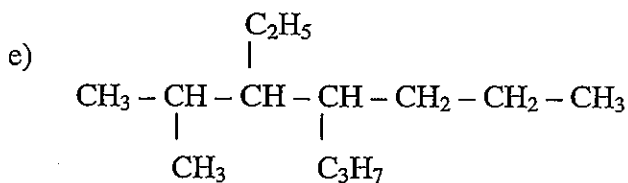
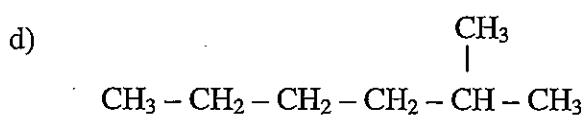
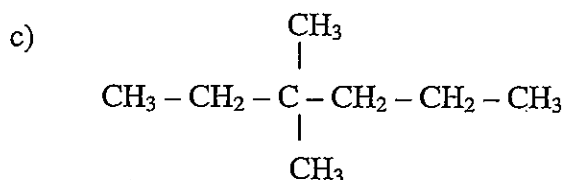
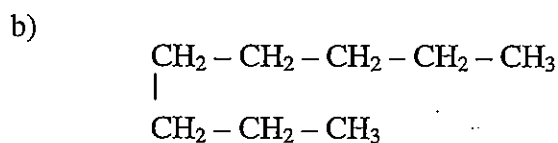
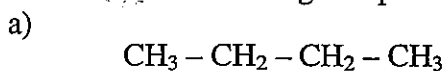
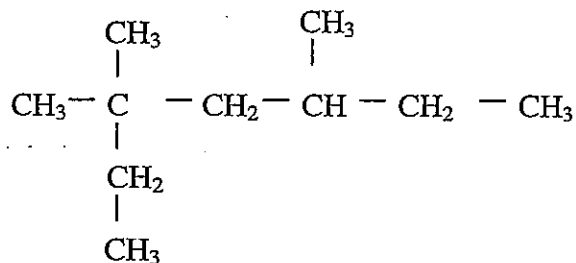


WS 1 - Alkanes

1. Name the following compounds:



2. Why is the name 2-ethyl-2,4-dimethylhexane unsuitable for the following compound?
What is the correct name of the compound?



3. Draw each of the following compounds:

a) 3-ethylhexane

b) 2,4-dimethylheptane

c) 3,4-diethyl-3-methylhexane

d) 3-ethyl-4,5-dipropyloctane

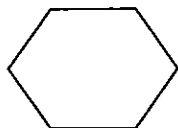
e) 2,2-dimethylpentane

f) octane

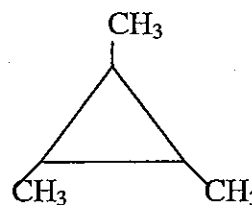
Cycloalkanes

1. Name each of the following compounds:

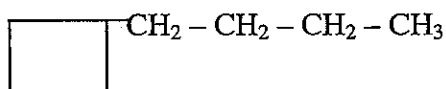
a)



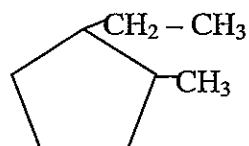
b)



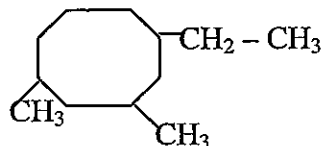
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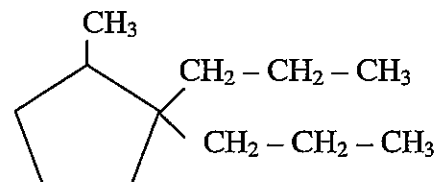
d)



e)



f)



2. Draw each of the following compounds:

a) propylcyclopentane

b) 1-ethyl-4-methylcyclohexane

c) 1,1-diethylcyclobutane

d) 1,2-diethyl-3-propylcyclobutane