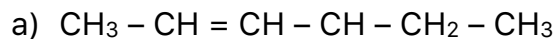


SCH 4C – HYDROCARBON ASSIGNMENT

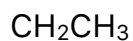
Name _____

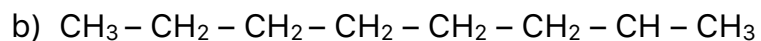
Answer all of the questions in the space provided.

1. Write the IUPAC name for each of the following hydrocarbons: (10 marks)



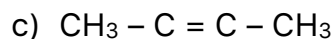
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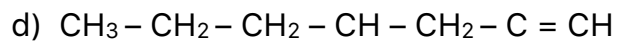




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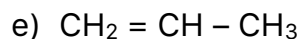


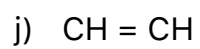
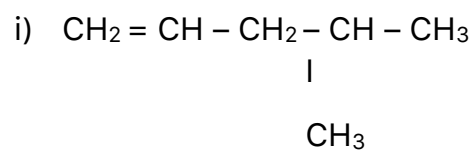
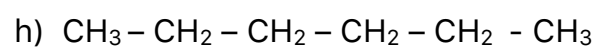
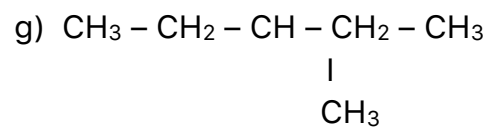
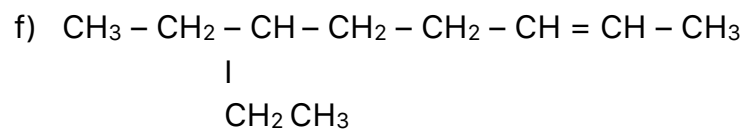




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2. Write the condensed formula for each of the following hydrocarbons: (10 marks)

a) 2-methylpentane

b) 4-ethyl-2-hexene

c) 1-pentyne

d) 3-ethyl-3-octene

e) 5-methyl-3-nonene

f) 4-methyl-1-heptyne

g) 2-butyne

h) 4-ethyldecane

i) ethane

j) 3-methyl-1-pentene