

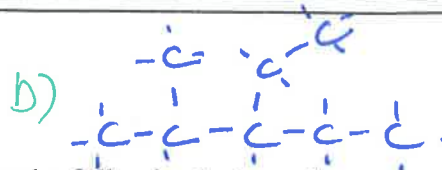
## Naming and Drawing Hydrocarbons QUIZ

1. Draw line or structural diagrams for the following hydrocarbons.

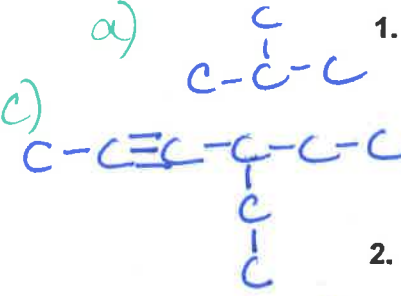
(a) methylpropane



(b) 3-ethyl-2-methylpentane



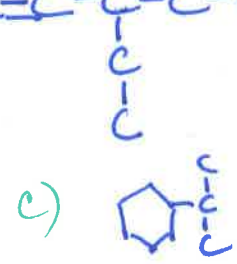
(c) 4-ethyl-2-hexyne



(d) cycloheptene



(e) 1-butyl-2,4-diethylbenzene

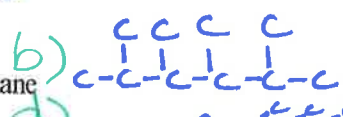


2. Draw line or structural diagrams for the following hydrocarbons.

(a) cyclopentane



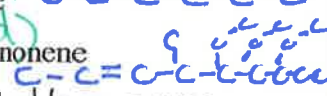
(b) 2,3,4,5-tetramethylhexane



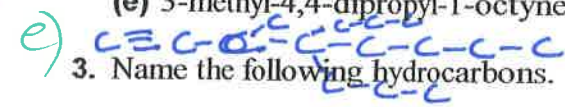
(c) isopropylcyclohexane



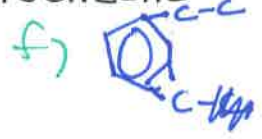
(d) 5,6,7-triethyl-4-methyl-2-nonene



(e) 3-methyl-4,4-dipropyl-1-octyne

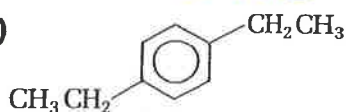


(f) para-ethylmethylbenzene



3. Name the following hydrocarbons.

(a)

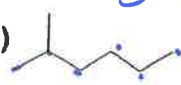


1,4-diethylbenzene

(b)  $\text{CH}_3\text{CH}_2\text{CH}=\text{CHCH}_2\text{CH}_2\text{CH}_3$

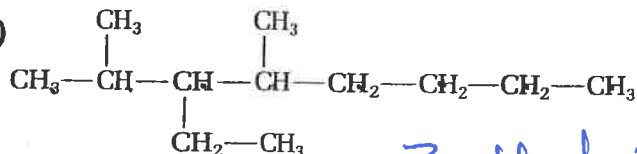
3-heptene

(c)



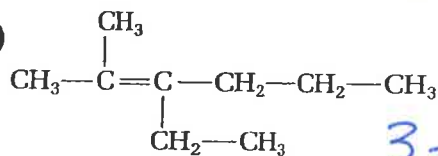
2-methylhexane

(d)



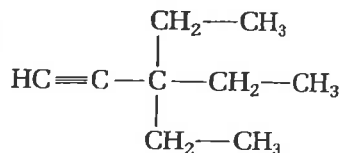
3-ethyl-2,4-dimethyloctane

(e)



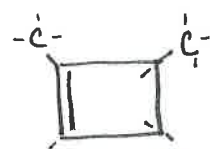
3-ethyl-2-methyl-2-hexene

(f)



3,3-diethyl-1-pentyne

g)



2,3-dimethylcyclobutene