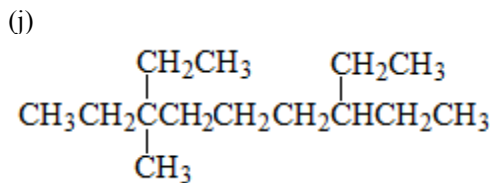
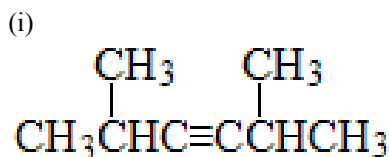
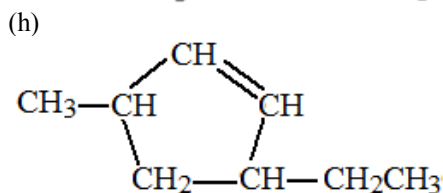
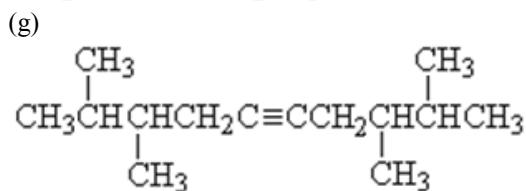
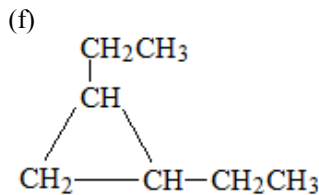
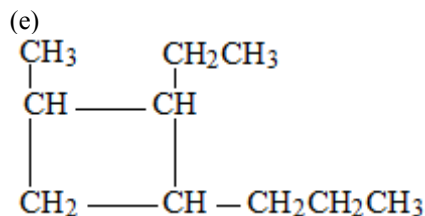
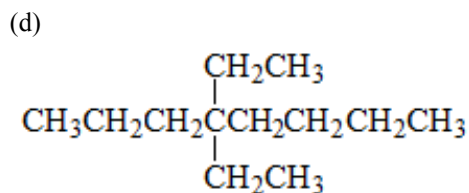
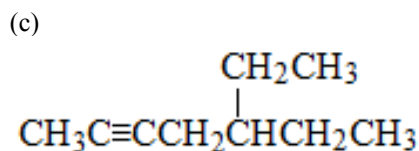
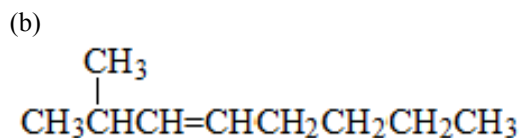
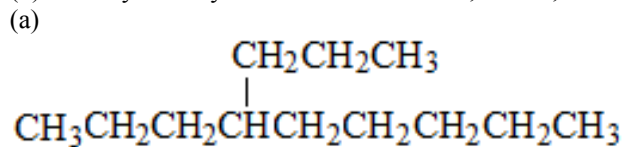


Name: \_\_\_\_\_  
 Period: \_\_\_\_\_

## Hydrocarbons

(1) Classify each hydrocarbon as an alkane, alkene, or alkyne. Give the name for the molecule.



(2) Classify each hydrocarbon as an alkane, alkene, or alkyne. Draw the molecule.

(a) 2,2,4,4-tetramethylpentane

(f) 3-ethyl-4-methyl-1-octene

(b) 2-methyl-1-butene

(g) 3,5-diethylcyclopentene

(c) 1-nonyne

(h) 1,2,3-trimethylcyclohexane

(d) 1,2-dipropylcyclohexane

(i) 4-methyl-2-heptyne

(e) 5-butyldecane

(j) 1,2-dimethylcyclobutene