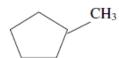
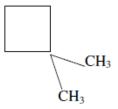
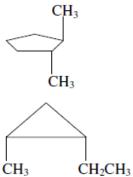
Hydrocarbon Nomenclature Worksheet

1. Name the following structures







- 2. Draw structures for the following compounds.
- a) 4-ethyl-2-methyl-2-hexene
- b) 2,4,4-trimethyl-1-pentene
- c) 2-methylpropane
- d) 4-propyloctane
- e) 1,2,3,4,5,6-hexamethylcyclohexane
- f) 2-hexyne
- g) 3,5-dichloro-3-methyl-1-hexyne

4. Name the following compounds

$$\begin{array}{c|cccc} CH_3\text{-}C\equiv C\text{-}CH\text{-}CH_2\text{-}CH_3 \\ & CH_2\text{-}CH_3 \\ \\ Br Br & CH_3 \\ & | & | & | \\ CH_3\text{-}CH\text{-}C\text{-}C\equiv C\text{-}CH\text{-}CH_2\text{-}CH_2\text{-}CH_3 \\ & | & | \\ Br & CH_2\text{-}CH_2\text{-}CH_2\text{-}CH_3 \\ \end{array}$$

$$Br$$
 C
 C
 CH_3