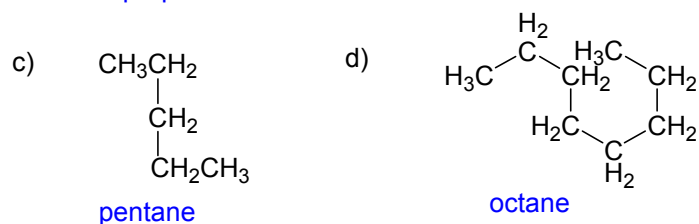
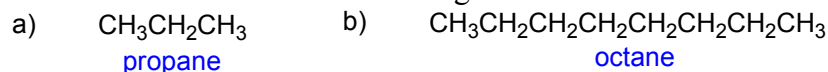
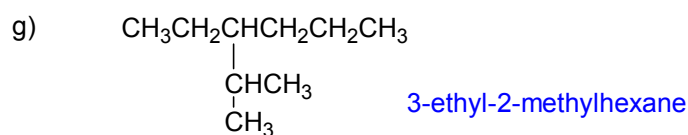
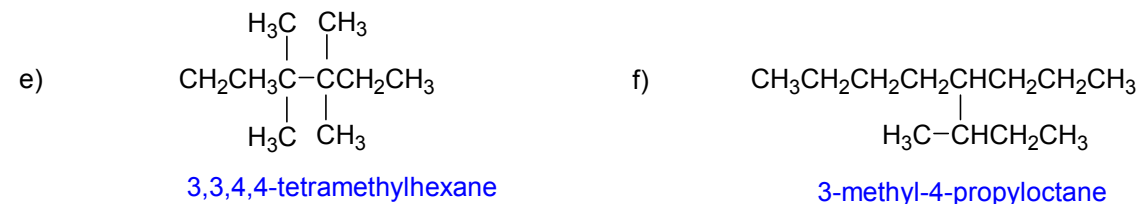
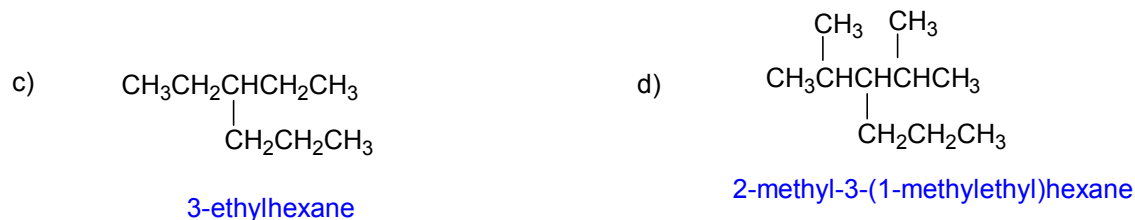
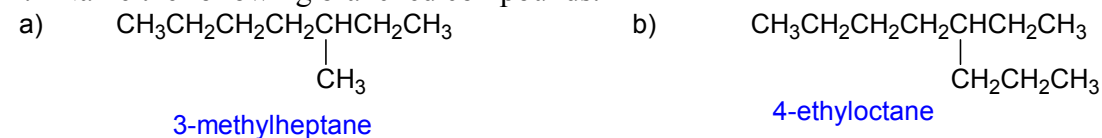


**CHM 1321**  
**Nomenclature Assignment 1 answers**

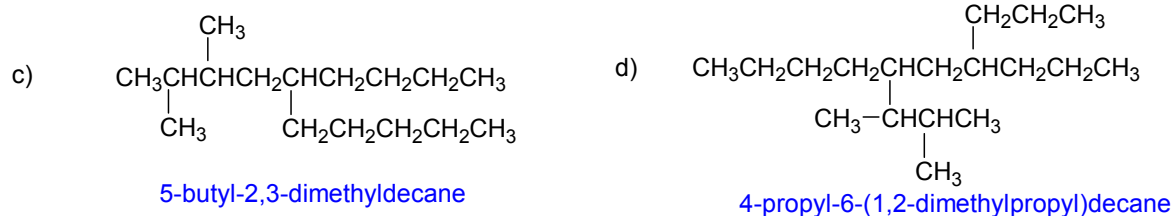
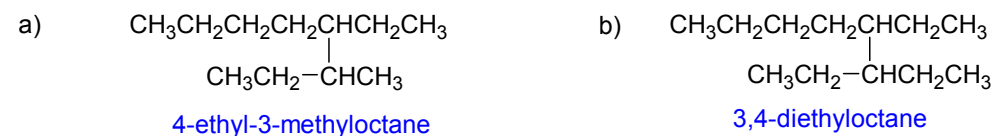
1. Provide names for the following alkanes.



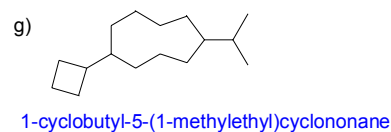
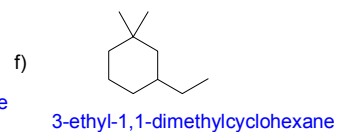
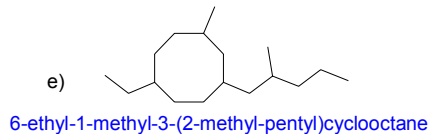
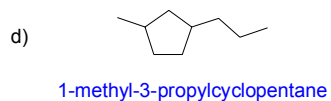
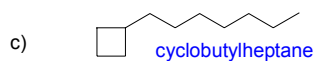
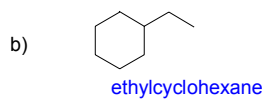
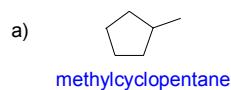
2. Name the following branched compounds.



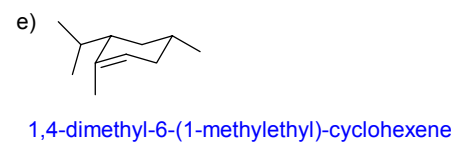
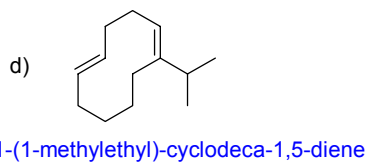
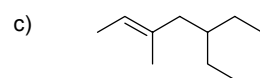
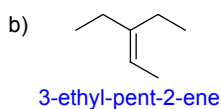
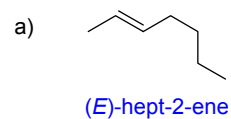
3. Name the following organic compounds.



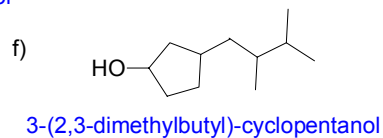
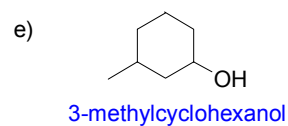
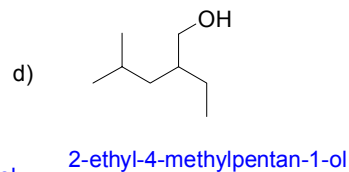
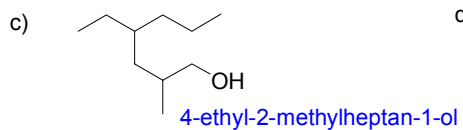
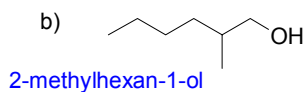
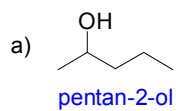
4. The following compounds all contain rings. Name them.

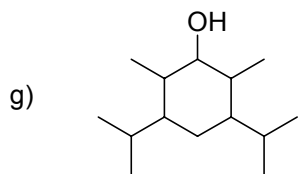


5. Name the following unsaturated compounds.



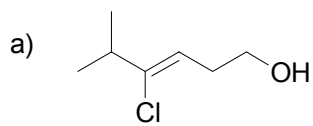
6. Give names for these compounds.



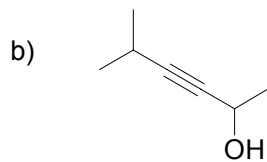


2,6-dimethyl-3,5-diisopropylcyclohexanol

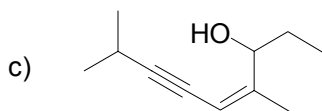
7. Name the following materials



4-chloro-5-methylhex-3-en-1-ol



5-methylhex-3-yn-2-ol



4,8-dimethylnon-4-en-6-yn-3-ol