O. Chem Packet #1 Practice Quiz

Name the following compounds.

1. CH₃-CH₂-CH₂-CH₂-CH₂-CH₂-CH₂-CH₂-CH₃  
   Nonane

2. CH₃-CH-CH₂-CH₃  
   2-Methylbutane

3. CH₃-CH₂-CH-CH₂-CH₂-CH₃  
   4-Ethyl-3-Methylheptane

4. CH₃  
   1-Ethyl-2-Methylcyclohexane

5. CH₃  
   Isopropylcyclohexane

6. CH₃-CH₂-CH=CH-CH₂-CH₂-CH₃  
   3-Heptene

7. CH₃-CH=CH-CH-CH₃  
   4-Methyl-2-Pentene

8. CH₃  
   Methylcyclobutene

9. CH₃-CH-CH₂-C≡C-CH₃  
   5-Methyl-2-Hexyne

10. CH₃-CH-C≡C-H  
     3-Methylbutyne

Draw the following compounds.

11. Butyne

12. Cyclopentene

13. 2-Methyl-2-Nonene

14. 4-Isobutyldecane

15. 4,5-Diethylnonane