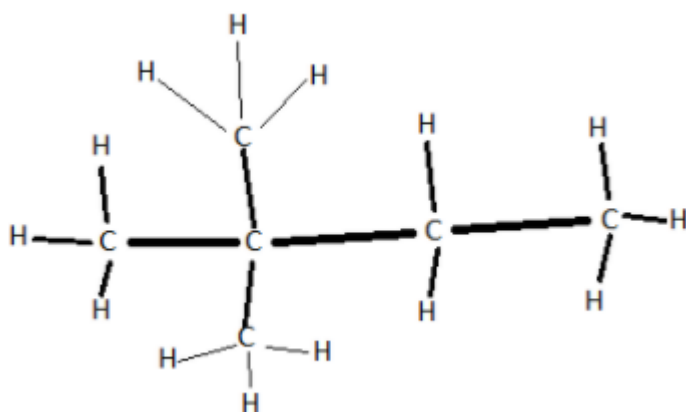


1. What is the test for water
2. What is the test carbon dioxide
3. What are the products formed when a hydrocarbon burns
4. What is the general formula for the following
 - (a) Alkanes
 - (b) Alkenes
 - (c) Cycloalkanes
5. Draw the full structural formula for 2-methyl –butane
6. What is the molecular formula for the molecule below



7. Which of the following is molecular formula for an alkene
 - A C_6H_{12}
 - B C_6H_{14}
 - C C_7H_{16}
8. What effect do alkenes have on Bromine solution?
9. If an alkane molecule contains 22 carbon atoms. Write the molecular formula for the alkane molecule
10. Draw the full structural formula for the alkane hexane