

ASSIGNMENT 1 (HYDROCARBONS)

Name_____ Grade_____ Date_____ MM-10

Answer the following questions-

Q1-a) Name the elements involved in hydrocarbons.

b) What is the main difference between saturated and unsaturated hydrocarbons? (2)

Q2- a) Draw the electron dot structure of propane.

b) Write the structural formula of the above drawn structure.

c) How many covalent bonds are present in propane? (3)

Q3- Draw the structural formula of butene and butyne and compare them in terms of the number of single, double and triple covalent bonds present in them. (2)

Q4- a) Write the general formula of alkanes, alkenes and alkynes.

b) Draw the structural formula of one example for each of the above. (3)