Topic 10 – Organic Chemistry

Lesson 4 – Drawing and Naming Organic Compounds

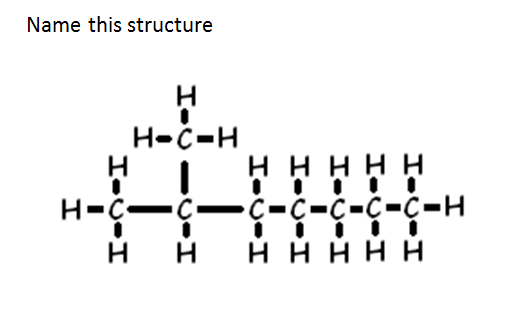
When naming an organic structure

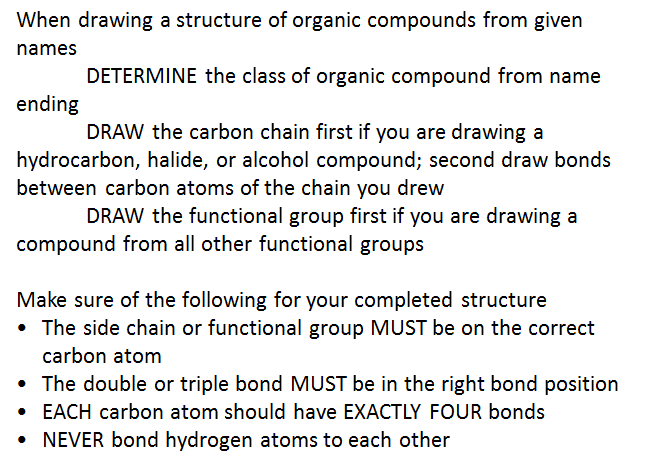
DETERMINE the class of organic compound from its bond type or functional group in the structure

DETERMINE the correct name prefix form the number of C atoms in the carbon chain (for ester and ether compounds, be sure to name both carbon chains)

DETERMINE the correct name ending of the compound from the class

TAKE INTO CONSIDERATION the position of a side chain, a double or triple bond, or an attached functional group when naming a given structure





Draw the structure for heptane

Draw the structure for 2-pentene