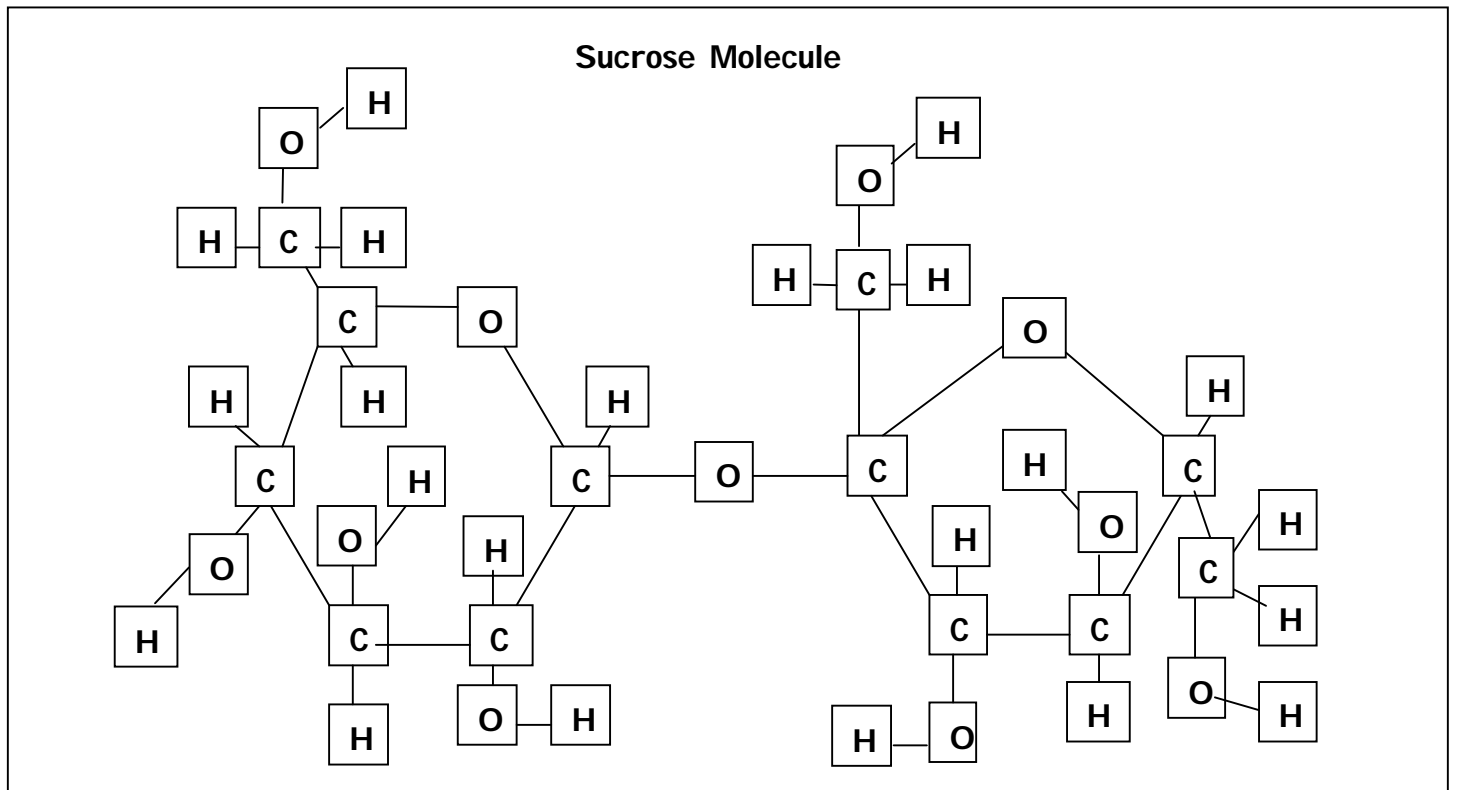
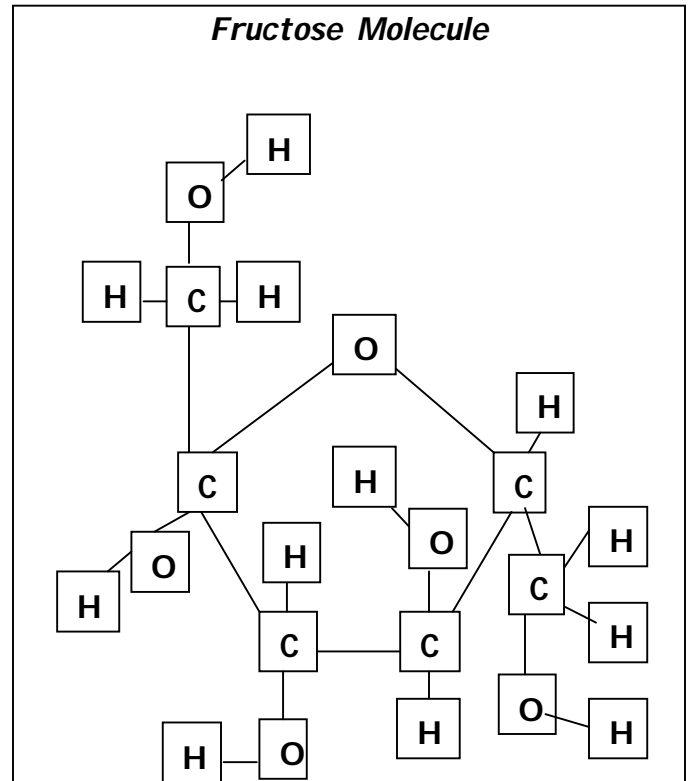
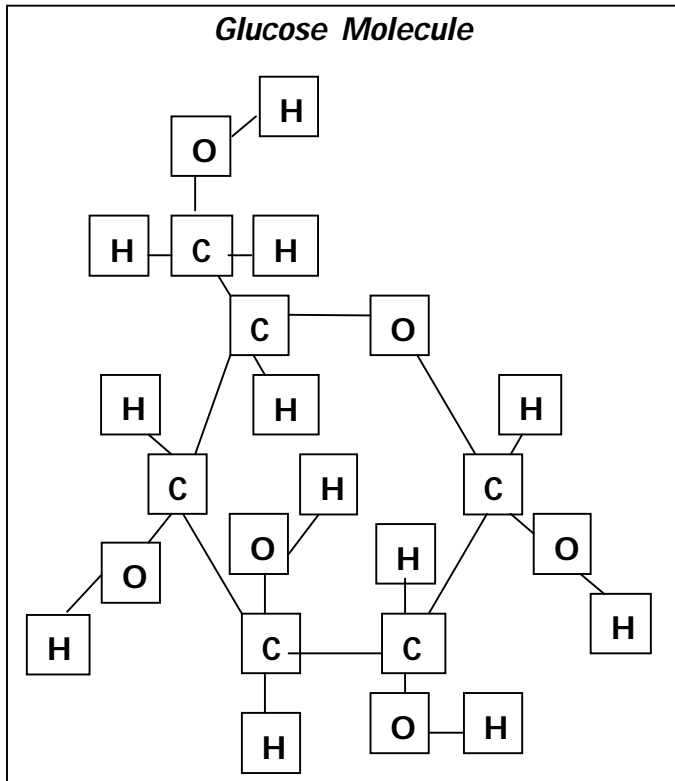


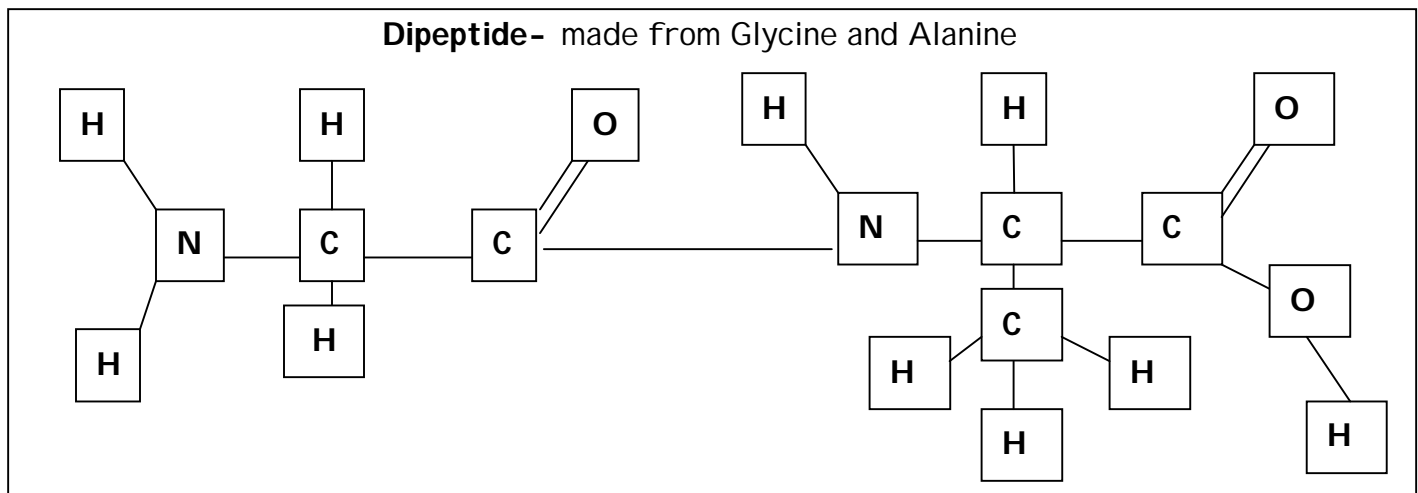
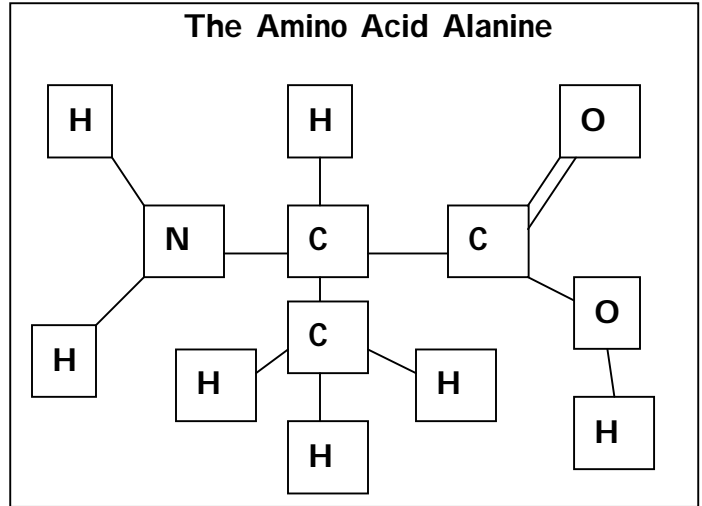
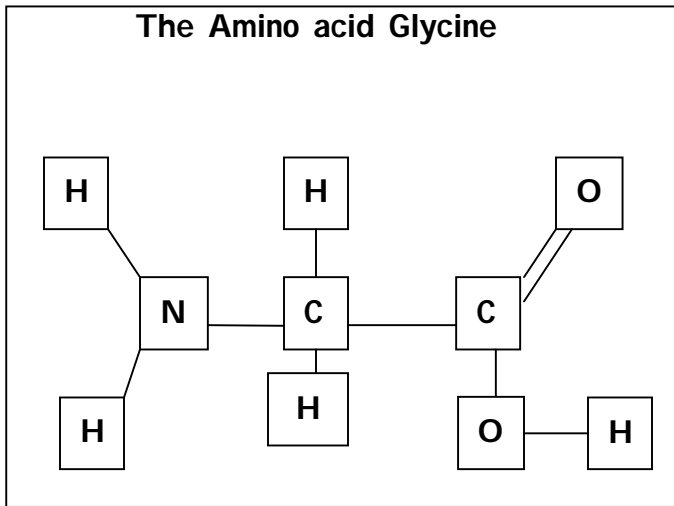
Macromolecule Coloring

Name _____

Period _____ Date _____

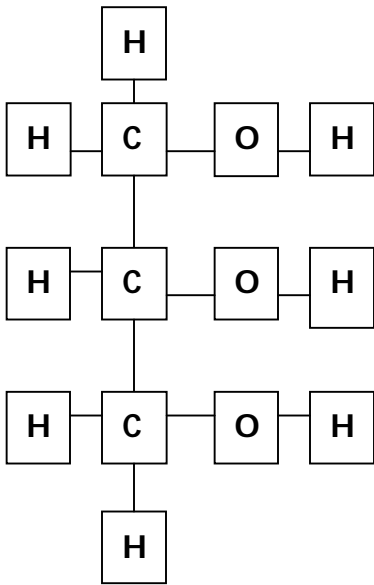
For each of the following macromolecules, color the carbon YELLOW, Hydrogen RED, Oxygen ORANGE, and nitrogen GREEN. If there is anything else in the picture, leave it blank.



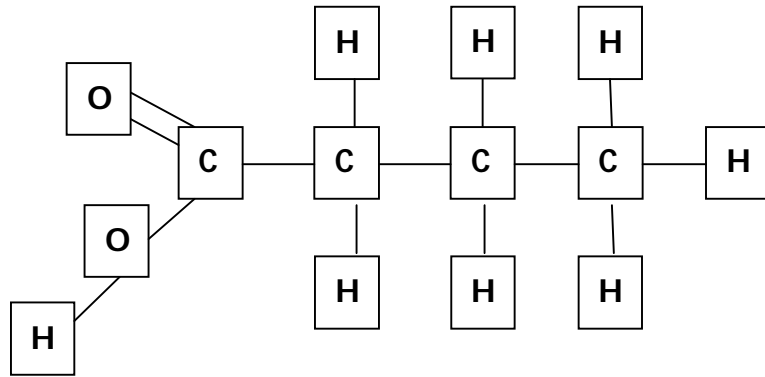


- 1) How many of each of the following elements are in glucose?
 - a) C = ___
 - b) H = ___
 - c) O = ___
- 2) How many of each of the following elements are in fructose?
 - a) C = ___
 - b) H = ___
 - c) O = ___
- 3) How many of each of the following elements are in sucrose?
 - a) C = ___
 - b) H = ___
 - c) O = ___
- 4) When glucose and fructose combine, they create sucrose. Look carefully at each picture and your answers for 1-3, what atoms are lost when glucose and fructose combine to create sucrose? _____
- 5) How many of each of the following elements are in glycine?
 - a) N = ___
 - b) C = ___
 - c) H = ___
 - d) O = ___
- 6) How many of each of the following elements are in alanine?
 - a) N = ___
 - b) C = ___
 - c) H = ___
 - d) O = ___
- 7) How many of each of the following elements are in the dipeptide?
 - a) N = ___
 - b) C = ___
 - c) H = ___
 - d) O = ___
- 8) What atoms are lost to create a dipeptide from Glycine and Alanine? (look at the pictures and your answers for 5-7) _____

Glycerol



1 Saturated Fatty Acid



Triglyceride- made from a glycerol and 3 fatty acids

