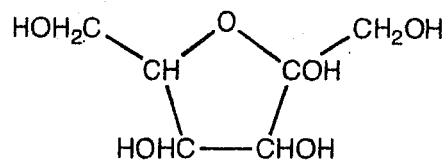
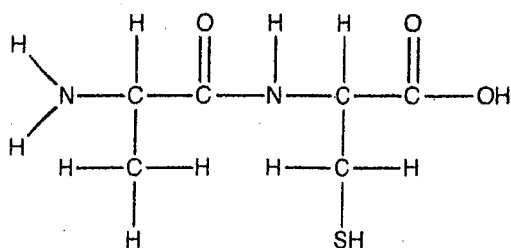
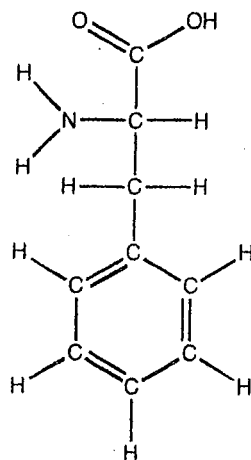
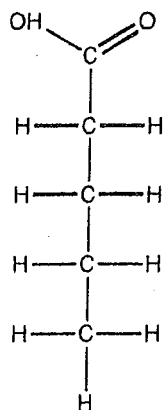


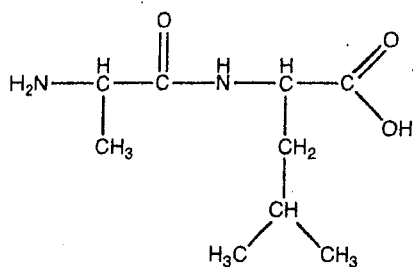
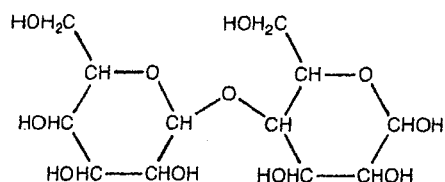
Name _____ Date _____ Hour _____

Structural Formula Practice

1. Classify the following molecules as a protein, carbohydrate, or lipid. Circle and name all the functional groups that are characteristic of that type of biomolecule. If the molecule is made of more than one monomer, indicate the bond(s) that join(s) the monomers together.



4. Draw all the molecules that will be formed from the hydrolysis of the molecules below. What substance will be needed for these reactions to occur? To what class of biomolecule does each of the dimmers below belong?



5. Create two polymers on your own. One must be a carbohydrate and the other a protein. Use a minimum of 5 monomers to create each polymer. Use the back of this sheet if needed.