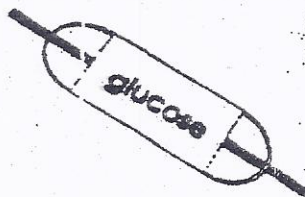
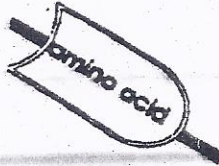
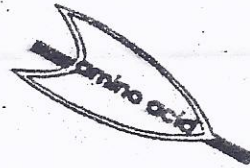
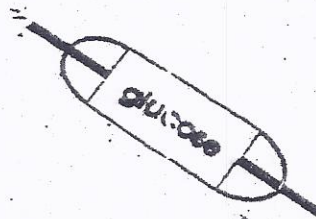
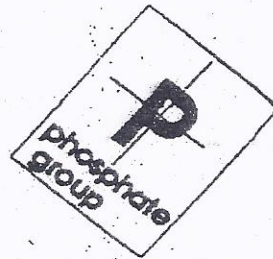
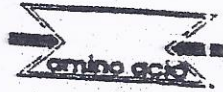
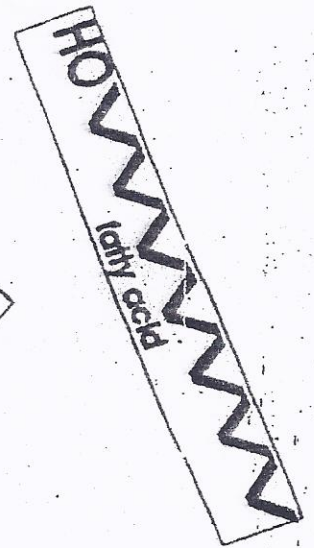
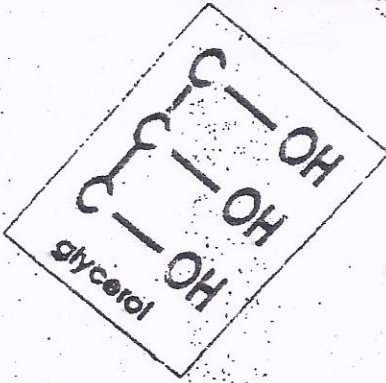


# Journal Organic Model Activity

Instructions: Cut out the following organic molecules. Glue or tape on the appropriate model sheet in the format you might find them in organic compounds. Fill out the analysis questions on each sheet. ~~Hand in before you leave the class today.~~



## CARBOHYDRATE MODEL

NAME \_\_\_\_\_

### ANALYSIS QUESTIONS:

1. What are the building blocks of carbohydrates? \_\_\_\_\_
- ~~2.~~ 3. What is the process of building a carbohydrate called? \_\_\_\_\_
3. Did you build a monosaccharide, disaccharide or polysaccharide? \_\_\_\_\_
4. List examples of each type of carbohydrate.  
Monosaccharide - \_\_\_\_\_  
Disaccharide - \_\_\_\_\_  
Polysaccharide - \_\_\_\_\_
5. What are the functions of carbohydrates? \_\_\_\_\_



## LIPID MODEL

NAME \_\_\_\_\_

### ANALYSIS QUESTIONS:

1. What are the basic building blocks of the most common type of lipid? \_\_\_\_\_
2. What are the functions of lipids in living systems? \_\_\_\_\_
- omit  **X** When we break down a lipid into its components in our digestive system, what type of reaction is this called? \_\_\_\_\_
- omit  **X** Is water added or removed in this process? \_\_\_\_\_
5. Give examples of lipids. \_\_\_\_\_

## NUCLEIC ACID MODEL

NAME \_\_\_\_\_

### ANALYSIS QUESTIONS:

1. What are the building blocks of Nucleic Acids? \_\_\_\_\_
2. What 3 things compose a nucleotide? \_\_\_\_\_
3. Give 2 examples of nucleic acids: \_\_\_\_\_
4. List the function of each example listed above. \_\_\_\_\_

## PROTEIN MODEL

NAME \_\_\_\_\_

### ANALYSIS QUESTIONS:

1. What are the building blocks of proteins? \_\_\_\_\_
2. What are the bonds between each amino acid called? \_\_\_\_\_
3. List 3 compounds that are classified as proteins.
4. List 4 functions of proteins.