

Name \_\_\_\_\_ Period \_\_\_\_\_

### Macromolecule Test Review

1. What does CHNOPS stand for?

2.

	Function	Structure
Lipid		
Protein		
Nucleic Acid		
Carbohydrate		

3. Put these bonds in order from weakest to strongest: hydrogen (polar), covalent, ionic.

4. What is polarity? Why is water polar?

5. Define the following terms:

Adhesion-

Cohesion-

Capillary Action-

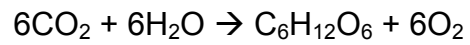
Surface Tension-

Specific Heat (also describe how this helps us with our internal balance in our bodies)-

6. Think back to earlier in the year, what's the difference between qualitative and quantitative?

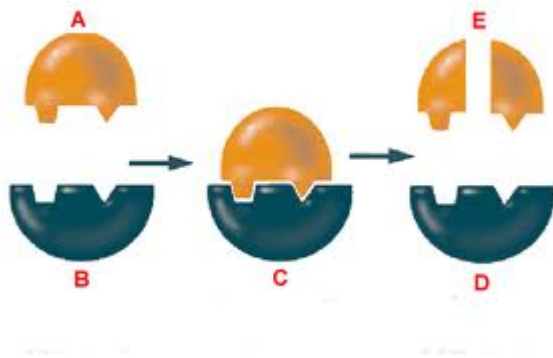
7. How are enzymes related to proteins?

8. The following is a chemical reaction. Which compounds are the reactants? Which compounds are the products?



9. What is a substrate?

10. Identify the enzyme substrate complex in the diagrams below. In this complex label the enzyme and label the substrate?



11. What are 3 factors that affect enzymes?