

Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Organic Molecules Worksheet

Use the words from the word bank to fill in the blanks below.

unsaturated fats  
cholesterol  
saturated fats  
polypeptide

glycogen  
enzymes  
ribose

hemoglobin  
fatty acids  
nucleotides  
peptide bond

1. The storage form of carbohydrates in animals is called \_\_\_\_\_.
2. The functional group that forms bonds between amino acids is called a \_\_\_\_\_ bond.
3. A long chain of amino acids forms a \_\_\_\_\_, which folds into a protein.
4. \_\_\_\_\_ are biological catalysts that speed up chemical reactions in cells.
5. Lipids can be divided into two categories: \_\_\_\_\_ fats, which are solid at room temperature, and \_\_\_\_\_ fats, which are liquid at room temperature.
6. A nucleotide consists of a phosphate group, a nitrogenous base, and a sugar. The sugar in RNA is called \_\_\_\_\_.
7. The lipid \_\_\_\_\_ is found in cell membranes and is also used to make hormones.
8. \_\_\_\_\_ are long chains of hydrocarbons that are part of fats and oils.
9. The protein \_\_\_\_\_ carries oxygen in red blood cells.
10. DNA and RNA are composed of repeating units called \_\_\_\_\_.