

MACROMOLECULES

Write the word that does not belong:

1. _____
- a. Carbohydrate
 - b. Protein
 - c. Sugar
 - d. Potato

2. _____
- a. Lipid
 - b. Steroid
 - c. Hormone
 - d. ATP

3. _____
- a. Monosaccharide
 - b. Glucose
 - c. Butter
 - d. Starch

4. _____
- a. Cellulose
 - b. Butter
 - c. Oil
 - d. Wax

5. _____
- a. Chitin
 - b. Cellulose
 - c. Cholesterol
 - d. Rice

6. _____
- a. DNA
 - b. Glucose
 - c. RNA
 - d. Nucleic Acid

7. _____
- a. Chicken
 - b. Butter
 - c. Fat
 - d. Lipid

8. _____
- a. Monosaccharide
 - b. Glycerol
 - c. Nucleotides
 - d. Polypeptides

9. _____
- a. Diglyceride
 - b. Disaccharide
 - c. RNA
 - d. Amino Acids

10. _____
- a. Eggs
 - b. Corn
 - c. Beef
 - d. Chicken

CATEGORY TYPE Chose from C (carbohydrate), P (Protein), L (Lipid) and N (Nucleic Acid)

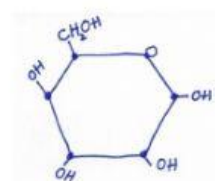
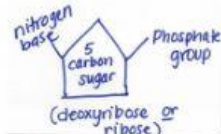
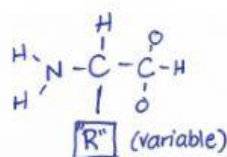
- _____ : Steak, fish, chicken
- _____ : Glucose, fructose, sucrose
- _____ : Butter, oil, fats
- _____ : Steroids, waxes, hormones
- _____ : RNA, DNA, ATP
- _____ : Cholesterol, vitamins, steroids
- _____ : Cellulose, chitin, phospholipids
- _____ : Enzymes, peptides, polypeptides

ANALOGIES: Complete the following analogies:

- Monosaccharide: Disaccharide :: Glycerol: _____
- Lipid: Glycerol :: Nucleic Acid: _____
- Nucleotides: DNA :: _____ : Polypeptides
- Cellulose : Monosaccharide :: Glucose: _____

MATCH THE SHAPE TO THE CORRECT CHEMICAL STRUCTURE

Carbohydrate	Lipid
Nucleic Acid	Protein



- _____
- _____
- _____
- _____

MATCH the monomer on the left with the macromolecule on the right.

- | | |
|----------------------------------|-----------------|
| _____ 1. Fatty acid and glycerol | A. Protein |
| _____ 2. Monosaccharide | B. Lipid |
| _____ 3. Nucleotide | C. Nucleic Acid |
| _____ 4. Amino Acid | D. Carbohydrate |

MATCH the polymer on the left with the macromolecule on the right.

- | | |
|-------------------------|-----------------|
| _____ 1. DNA | A. Protein |
| _____ 2. Enzyme | B. Lipid |
| _____ 3. Triglyceride | C. Nucleic Acid |
| _____ 4. Polysaccharide | D. Carbohydrate |

MATCH the monomer on the left with the polymer on the right.

- | | |
|----------------------------------|-------------------|
| _____ 1. Fatty acid and glycerol | A. Polysaccharide |
| _____ 2. Monosaccharide | B. RNA |
| _____ 3. Nucleotide | C. Enzyme |
| _____ 4. Amino Acid | D. Phospholipid |

MATCH the monomer on the left with the polymer on the right.

- | | |
|----------------------------------|-----------------|
| _____ 1. Fatty acid and glycerol | A. Enzyme |
| _____ 2. Glucose | B. Triglyceride |
| _____ 3. Nucleotide | C. Starch |
| _____ 4. Amino Acid | D. DNA |

MATCH the monomer on the left with the polymer on the right.

- | | |
|-----------------------------------|-----------------|
| _____ 1. Amino Acid | A. Glycogen |
| _____ 2. Nucleotide | B. Phospholipid |
| _____ 3. Monosaccharide | C. Protein |
| _____ 4. Fatty Acids and glycerol | D. DNA |

MATCH the polymer on the left with the macromolecule on the right.

- | | |
|----------------------|-----------------|
| _____ 1. Cholesterol | A. Protein |
| _____ 2. Enzyme | B. Nucleic Acid |
| _____ 3. RNA | C. Carbohydrate |
| _____ 4. Cellulose | D. Lipid |