

Macromolecules Worksheet

CARBOHYDRATES

Carbs are assembled from monomers called _____.

The immediate source of energy for cells comes in the form of _____, while _____ are stored extra sugar supplies.

Break it down:

- | | |
|------------|---------------|
| A. "poly-" | "-saccharide" |
| B. "di-" | "-saccharide" |
| C. "mono-" | "-saccharide" |

LIPIDS

Generally lipids assembled from _____ and _____.

There are three common categories of lipids:

- A.
- B.
- C.

NUCLEIC ACIDS

Nucleic acids are assembled from monomers called _____.

These monomers consist of three parts:

- A.
- B.
- C.

In DNA, the sugar is _____. In RNA, the sugar is _____. DNA and RNA store and transmit _____.

Draw and label the structure of the nucleotide.

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PROTEINS

Proteins are assembled from monomers called _____.

All amino acids have these three groups:

- A.
- B.
- C.

Draw and label the general amino acid structure below.

The levels of organization of a protein chain are:

- A.
- B.
- C.
- D.