

# MACROMOLECULES

Macro means \_\_\_\_\_

Macromolecules are \_\_\_\_\_ that are critically important to all living things.

Made of \_\_\_\_\_

Monomers:

Polymers:

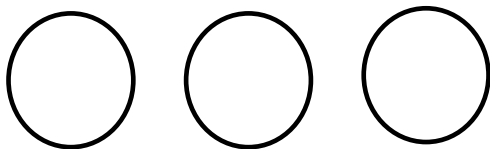
Poly=  
mer=

monomers join together to form polymers

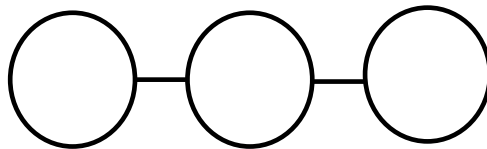
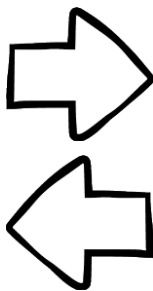
Mono=  
mer=

Making and Breaking Macromolecules

**Dehydration Synthesis**



Monomers



Polymer

**Hydrolysis**

## Types of Macromolecules

Carbohydrates

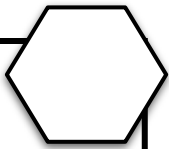
Lipids

Proteins

Nucleic Acids

# TYPES OF MACROMOLECULES

## Carbohydrates



Elements:

Monomers:

Function:

Examples:

Monosaccharides:

Disaccharides:

Polysaccharides:

Types

Foods:

## Lipids

Elements:

Common parts:

Function:

Examples:

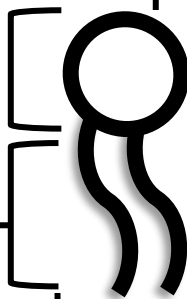
Triglyceride (Fats)

Saturated:

Unsaturated:

Phospholipids

Foods:



# TYPES OF MACROMOLECULES

## Protein

Elements:

Monomers:

Function:

Examples:

Structure

Foods:

## Nucleic Acids

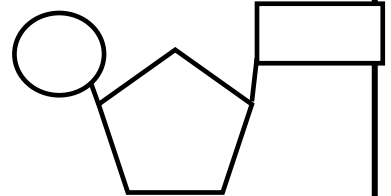
Elements:

Monomers

Function:

Examples:

Nucleotides:



DNA

RNA

Foods?:

