

Name the 4 macromolecules found in living things

*Proteins, carbohydrates, lipids, & nucleic acids*

Proteins are made by joining subunits called \_\_\_\_\_ together.

*AMINO ACIDS*

Joining nucleotide subunits together makes a \_\_\_\_\_ molecule

*NUCLEIC ACID*

Joining amino acid subunits together makes a \_\_\_\_\_ molecule.

*PROTEIN*

Nucleic acids are made by joining subunits called \_\_\_\_\_ together.

*NUCLEOTIDES*

A molecule made up of only one sugar molecule is called a \_\_\_\_\_.

*MONOSACCHARIDE*

The place on an enzyme where the substrate bonds and reacts is called the \_\_\_\_\_.

*ACTIVE SITE*

A molecule made up of MANY sugar molecules joined together is called a \_\_\_\_\_.

*POLYSACCHARIDE*

Give an example of a molecule that is a polysaccharide

*Starch, glycogen, cellulose*

Give an example of a nucleic acid

*DNA OR RNA*

Name an atom found in DNA but NOT carbohydrates or lipids.

*NITROGEN OR PHOSPHORUS*

Name the 3 particles found in an atom

*PROTONS, NEUTRONS, ELECTRONS*