**Biology Chapter 6 Review Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Assignment #\_\_\_\_**

All matter is made up of particles of elements called \_\_\_\_\_.

The negatively charged particles in an atom are called \_\_\_\_.

Which particles are found in the nucleus of an atom?

A bond formed when atoms give or receive electrons is a(n) \_\_\_\_\_ bond.

The hydrogens and oxygen in a water molecule are held together by a \_\_\_ bond.

A \_\_\_ bond forms **between** water molecules.

When water molecules stick to each other, this is called \_\_\_\_\_\_\_\_.

Because electrons are not shared equally by the atoms in water, it is said to be \_\_\_\_.

Large bodies of water are able to change temperature slowly because of which property of water?

How many bonds can carbon form?

Skin and muscles are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

A protein that makes chemical reactions go faster is called \_\_\_\_\_\_.

Which polysaccharide gives structure to plant cells (like celery)?

Which simple sugar is found in fruit?

A monomer of a carbohydrate is called a \_\_\_\_\_\_.

In plants only, glucose is stored as the polysaccharide \_\_\_\_\_, which is found in grains and potatoes.

What is the main function of carbohydrates?

Which element is found in proteins, but not carbohydrates or lipids?

The monomer building blocks of proteins are \_\_\_\_.

What is the name of a substance being broken down or built by an enzyme?

Name two things that can alter the shape of an enzyme. What is it called when the shape of the active site of the enzyme changes?

What are the main two elements in lipids?

What are the building blocks of lipids?

What are the two types of nucleic acids?

What is the monomer of a nucleic acid?

What is the function of DNA?

What is the function of RNA?

What makes a compound organic?