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BioChemistry

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| **Across****2.** two monosaccharides can combine in a condensation reaction to form a**4.** what is the main source of energy in a cell**11.** monomers of proteins**12.** an alcohol is an organic compound with a \_\_\_\_\_\_\_\_\_\_\_ group attached to it**15.** large polymers are called **18.** all living organisms are made up of compounds that contain mostly**19.** the monomers of lipids are**20.**  long chains of amino acids are called **21.** each time a monomer is added to a polymer a \_\_\_\_\_\_\_\_\_ molecule is released**24.** a \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_ is a cluster of atoms that influences the characteristics of the molecules they compose**25.** the monomer that makes up the polymers of DNA and RNA | **Down****1.** when two amino acids join together they form a **3.** what is created when two fatty acids are attached to a glycerol**5.** lipids that contain three molecules of fatty acids joined to one molecule of glycerol**6.** what is the monomer of a carbohydrate**7.** a carbon double bond is represented by two**8.** monomers form polymers during a chemical reaction called **9.** ATP stands for**10.** a complex molecule made of three or more monosaccharides**13.** a molecule that consists of repeated linked units**14.** many carbon compounds are built from smaller molecules called**16.** carbohydrates, proteins, lipids, and nucleic acids are examples of**17.** what is found in fruits and is the sweetest of the monosaccharides**22.** how many different amino acids are there**23.** in carbon there are \_\_\_\_\_\_\_\_ electrons in the outermost energy level |