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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 |