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Biological Molecules

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| **Across**  **3.** The polysaccharide in starch that is branched.  **8.** The type of bond that joins monomers in a carbohydrate.  **10.** Number of carbon rings in cholesterol.  **11.** An example of a protein that has a quaternary structure.  **12.**  The type of bond that joins monomers in a protein.  **13.** The monomer unit in a protein.  **14.**  The type of bond found in a lipid.  **15.**  Level of protein structure that involves hydrogen bonds, ionic bonds, disulfide bridges and hydrophobic/hydrophilic interactions between R-groups on the same polypeptide chain.  **16.** The type of reaction that uses water to break a bond. | **Down**  **1.** The monomer unit in a carbohydrate.  **2.** The type of reaction that yields water and a bond is produced.  **4.** The name of the molecule comprised of glycerol and three fatty acids.  **5.**  Carbohydrates are made of carbon, oxygen and \_\_\_\_\_\_\_\_\_\_\_.  **6.** Bonds involved in creating the secondary structure of a protein.  **7.** The individual repeating units that make a polymer.  **9.** Example of a carbohydrate that is made of B-glucose monomers. |