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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_ | Period: \_\_\_\_\_\_\_ |

Macromolecules

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|  |  |  |  |  |  |  |  | 3 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 4 |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  | 5 |  |  |  |  |  |  |  |  |  | 6 |  |  |  |  |  | 7 |
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|  | 8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9 |  |  |  |  |  |  |  |  |  |  | 10 |  | 11 |  |  |  |  |  |  |
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|  |  |  |  |  | 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  | 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Across****1.** a substances that decreases the activation energy needed to start a chemical reaction and, therefore, increases the rate of the chemical reaction**4.** a molecule composed of carbon, hydrogen, and oxygen, includes sugars and starches**9.** a subunit of a complete molecule?**11.** nonpolar molecules, includes fats, oils, and cholesterol**12.** condition in which reactants and products of a chemical reaction are formed at the same rate**13.** substance formed by a chemical reaction**14.** molecules that contain carbon, hydrogen, oxygen, nitrogen, and sometimes sulfur**15.** catalysts for chemical reactions in living things **16.** a substance that is changed by a chemical reaction | **Down****2.** chemical reaction that yeilds a net release of energy in the form of heat**3.** a polymer made of monomers called amino acids **5.** chemical reaction that requires a net input of energy**6.** a polymer made of monomers called nucleotides, DNA and RNA are genral types of nucleic acids**7.** chains of carbon atoms bonded to hydrogen atoms, saturated or unsaturated**8.** a large molecule, or macromolecule, made of many monomers bonded together**10.** a specific reactant that an enzyme acts on |