

Name: _____ Date: _____ Period: _____

Chapter 2 Review Sheet

1. When a hypothesis is proven many times, what does it become?
2. What two subatomic particles are found in the nucleus?
3. What must we be able to do, for a hypothesis to be useful?
4. An alkaline (basic) solution has more or less H⁺ ions than water?
5. The substances that are present at the beginning of a reaction are called what?
6. Many monomers linked together form what?
7. What is the pH range of oven cleaner?
8. When two or more elements combine, it is called what?
9. A stronger acid will have a pH closer to what number?
10. Many sugars combined together makes up what carbohydrate molecule?
11. What are substances called that speed up chemical reactions?
12. What happens to electrons in a covalent bond?
13. What are the building blocks of RNA and DNA?
14. A solution with a pH of 6 is what?
15. Monosaccharides are the building blocks of which macromolecule?
16. What is the main source of energy for all living things?
17. Amino acids are the building blocks of which macromolecule?
18. Which macromolecule serves as our hereditary information?
19. What is the term used for the energy needed to start a chemical reaction?
20. Why is the enzyme-substrate complex compared to a lock and key?
21. How many different reactions can an enzyme speed up?
22. What is the basic unit of all matter?
23. Which macromolecule is used to store energy?
24. What is the greatest solvent in the world?
25. Which macromolecule found in our skin helps to waterproof it?