

Name: \_\_\_\_\_

Date: \_\_\_\_\_

# 102.11 Matter

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|--|------------------------|
| 1. Water freezing and becoming ice is a example of what type of change J   | A. chemistry           |
| 2. The chemical symbol for carbon is E   | B. side bonds          |
| 3. Electrons have which type of electrical charge M  | C. matter              |
| 4. What is the side bond that is of the greatest concern to the salon professional G   | D. electrons           |
| 5. The term used to identify anything that occupies space and has weight is called C   | E. C                   |
| 6. Amino acids that create proteins are linked together end to end by I  | F. inorganic chemistry |
| 7. Atoms have three main parts: protons, neutrons and D  | G. disulfide bond      |
| 8. Atoms that are different form an O  | H. elements            |
| 9. Which bond is the backbone of all proteins molecules K  | I. peptide bonds       |
| 10. Protons have which type of electrical charge L   | J. physical            |
| 11. The bonds found within the hair that help organize protein chains in order to build hair are called B  | K. peptide             |
| 12. Two or more of the same atoms joined together by a chemical bond is an N   | L. positive            |
| 13. All matter that is not live, has never been alive and does not contain carbon, such as rocks, water and minerals falls within the study of F | M. negative            |
| 14. The scientific study of matter and the physical and chemical changes of matter is known as A   | N. molecule            |
| 15. Basic substances that cannot be broken down into simpler substances are called H   | O. compound            |