

Name: _____ Date: _____

Chemistry Ch2 Vocabulary

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| 1. a change that produces matter with a different composition than the original matter | A. Element |
| 2. no definite shape or volume | B. intensive property |
| 3. some properties of the material change, but the composition doesn't | C. Solid |
| 4. the ability of a substance to undergo a specific chemical change | D. chemical reaction |
| 5. not uniform in composition | E. Vapor |
| 6. a quality or condition of a substance that can be observed or measured without changing the substance's composition | F. Mixture |
| 7. a change in which one or more reactants change into one or more products | G. gas |
| 8. uniform in composition | H. reactant |
| 9. a solid that forms and settles out of a liquid mixture | I. physical property |
| 10. a one or two letter representation of an element | J. Volume |
| 11. depends on the type of matter in a sample | K. law of conservation of mass |
| 12. substance produced in a chemical reaction | L. heterogeneous mixture |
| 13. a substance that contains two or more elements chemically combined in a fixed proportion | M. precipitate |
| 14. in any physical change or chemical reaction, mass is conserved; mass can be neither created or destroyed | N. Mass |
| 15. a substance present at the start of a reaction | O. Substance |
| 16. a process used to separate dissolved solids from a liquid, which is boiled to produce a vapor that is then condensed into a liquid | P. chemical change |
| 17. Has an indefinite shape, flows, yet has volume | Q. homogeneous mixture |
| 18. Has a definite shape and volume | R. product |

19. The simplest form of matter that has a unique set of properties	S. physical change
20. A measure of the amount of matter an object contains	T. chemical symbol
21. Another name for a homogeneous mixture	U. Liquid
22. Gaseous state of a substance that is generally a liquid or solid at room temp	V. distillation
23. Matter that has a uniform and definite composition	W. Solution
24. A measure of the space occupied by an object	X. chemical property
25. A physical blend of two or more components	Y. Phase
26. Any part of a sample with uniform composition and properties	Z. compound