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Chapter 2 vocab

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| **Across**  **4.** A measure of the amount of matter the object contains  **9.** A mixture in which the composition is uniform thought  **12.** A change that produces matter with a different composition than the original matter  **16.** A measure of the space occupied by the object  **18.**  Form of matter that has a definite shape and volume  **20.** Describes the gaseous state of the substance that is generally a liquid or solid at room temperature as in water vapor  **21.** A form of matter that takes both the shape and volume of its container  **22.** A physical bend of 2 or more components  **24.** A property that depends on the type of matter in a sample, not the amount  **26.** The process that separates a solid from the liquid in a heterogenous mixture  **27.** A mixture in which the composition is not uniform throughout  **28.** A solid that forms and settles out of a liquid mixture | **Down**  **1.** A homogeneous mixture ; consists of solutes disolved in solvent  **2.** States that in any physical change or chemical reaction, mass is conserved  **3.** Any part of a sample with uniform composition and properties  **5.** An arrangement of elements in which the elects are separated into groups based on a set of repeating properties  **6.** 1 or more substances change into one or more new substances  **7.** A form of matter that has an definite shape yet has fixed volume  **8.** The ability of a substance to under go a specific chemical change  **10.** A quality or condition of a substance that can be observed or measure without changing the substances composition  **11.**  Matter that has a uniform and definite composition  **13.** Each element is represent by a one- or two- letters  **14.** The simplest form of matter that has a unique set of properties  **15.**  Some properties of a material change but the composition of the material doesn't change  **17.** A substance that contains 2 or more elements chemically combined in a fixed proportion  **19.** A liquid is boiled to produce a vapor that is then condensed into a liquid  **23.** A property that depends on the type of matter in a sample , not the amount  **25.** A substance produced in the reaction |