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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  |