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Chemistry Review - Unit 1

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| **Across**  **4.** Separating mixtures based on particle size (Ch 2)  **6.** Has no definite shape but as definite volume (Ch 3)  **12.** Phase change: solid to liquid (Ch 3)  **14.** Phase Change: solid to gas (Ch 3)  **17.** The study of the composition, structure, and properties of matter (Ch 1)  **18.** Mixture with particles that settle (Ch 2)  **19.** Has definite shape & volume (Ch 3)  **20.** Separating mixtures based on boiling points (Ch 2) | **Down**  **1.** Always has the same composition (Ch 2)  **2.** SI unit for length (Ch 1)  **3.** Contains particles that never settle (Ch 2)  **5.** Summarizes a pattern found in nature (Ch 1)  **7.** Made from 2 or more simpler substances (Ch 2)  **8.** Phase change: liquid to solid (Ch 3)  **9.** Oxygen, Chlorine, Mercury, & Sodium are examples of \_\_\_ (Ch 2)  **10.** The ratio of an object's mass to its volume (Ch 1)  **11.** Phase change: gas to liquid (Ch 3)  **13.** Has no definite shape or volume (Ch 3)  **15.** A \_\_ change forms one or more new substances (Ch 2)  **16.** The symbol "k" stands for \_\_\_ on the conversion ladder (Ch 1) |