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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Science: Matter

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|  |  |  | 12  E |  |  | U |  |  |  | S |  |  | Z |  |  |  |  | C |  |
|  | 13  M | E | L | T | I | N | G |  |  | I |  | 14  M | A | S | S |  |  | U |  |
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| **Across**  **2.** process of a substance changing from a gas to a liquid  **7.** smallest particle that makes up matter  **10.** type of mixture which all the substances are spread evenly  **11.** substance that dissolves the solute in a solution  **13.** process of a solid changing to a liquid  **14.** amount of material in a substance  **15.** Matter that consists of two or more substances that are physically combined  **16.** measurement of the amount of a solute dissolved in a solvent  **17.** ability of a solvent to dissolve a certain amount of a solute  **18.** process of a liquid changing to a solid | **Down**  **1.** substance that has both volume and mass  **3.** substance that is dissolved in a solution  **4.** process of a liquid changing to a gas  **5.** amount of space taken up by an object  **6.** kind of matter that is formed by combining atoms of different elements  **8.** particle formed when atoms join with other atoms  **9.** mass of a certain amount of matter in a certain space  **12.** matter that is made up of only one kind of atom |