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

Chemical vs Physical Changes

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|  |  | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 5 |  |  |
|  |  |  |  |  |  |  |  | 6 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | 7 |  | 8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  | 9 |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  | 10 |  | 11 |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  | 12 |  |  |  |  |  |  |  |  |  |
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|  |  |  |  | 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  | 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  | 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| --- | --- |
| **Across**  **2.** NO change in chemical composition  **6.** The periodic table places elements with \_\_\_\_\_\_ properties  **8.** A change in \_\_\_\_\_\_\_\_\_ property, but not chemical composition  **9.** Distinguishing Characteristics  **10.** Elements with intermediate conducts  **12.** Elements that conduct well  **13.** Extensive Property is directly \_\_\_\_\_\_ to the amount of matter  **14.** Density, Color and \_\_\_\_\_\_\_\_ are examples of Physical Properties  **15.** Depends on the amount of matter | **Down**  **1.** One matter changing into another  **3.** density, color, hardness  **4.** A change of matter from start to end  **5.** Does not depend on how much matter is present  **7.** Elements that don't conduct well  **11.** How many categories do properties of matter have? |

   Properties       Physical Change       Physical Properties       Chemical Properties       Chemical Change       Two       Extensive Property       Intensive Property       Metals       Nonmetals       Metalloids       Similar       Proportional       Hardness       Physical