Last name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ First name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ P:\_\_\_\_ Date:\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
| **COM** | **INC** | **Late** |

**PHYSICAL VS CHEMICAL CHANGES:**

|  |  |
| --- | --- |
| **Physical Change** | **Chemical Change** |
| **Definition (p. 48)**  Change that affects the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_of a substance—does NOT form new substances.  **Can physical changes normally be undone? (p. 49)**  YES/NO (circle one)  **Examples of Physical Changes (p. 49)**  **List at least three**  **Are Chemical Bonds Broken or Formed?**  YES/NO (circle one) | **Definition (p. 49)**  One or more substances change into \_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_with different  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.  **Can chemical changes be undone using physical means? Explain. (p. 51)**  YES/NO (circle one)  **List clues a chemical change occurred (pp. 50-51) List at least three**  **Are Chemical Bonds Broken or Formed?**  YES/NO (circle one) |

**DIRECTIONS:**

Identify each as a Chemical or Physical Change.

Put a **C for Chemical** or a **P for Physical** after each one.

|  |  |
| --- | --- |
| 1 | Using a magnet to pick iron out of sand |
| 2 | Bending a paper clip |
| 3 | Burning a candle |
| 4 | Baking a cake |
| 5 | Digesting food |
| 6 | Mixing Koolaid, sugar, and water |
| 7 | Freezing an ice cube |
| 8 | Frying an Egg |
| 9 | Boiling Water |
| 10 | Metal rusting |