**Warm-Up #3** Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_ Block:\_\_\_\_

1. Write the name and symbol of the element located in the specified period and group. Indicate if the element is a metal or nonmetal.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Period** | **Group** | **Symbol** | **Name** | **Metal or Nonmetal** |
| a. | 3 | 1 |  |  |  |
| b. | 4 | 8 |  |  |  |
| c. | 3 | 17 |  |  |  |
| d. | 4 | 18 |  |  |  |
| e. | 5 | 11 |  |  |  |

1. Identify each change as either physical or chemical.
   1. Water freezing into ice.
   2. Burning a piece of paper.
   3. A metal fence rusting.
   4. Dissolving sugar in water.

**Warm-Up #3** Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_ Block:\_\_\_\_

1. Write the name and symbol of the element located in the specified period and group. Indicate if the element is a metal or nonmetal.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Period** | **Group** | **Symbol** | **Name** | **Metal or Nonmetal** |
| a. | 3 | 1 |  |  |  |
| b. | 4 | 8 |  |  |  |
| c. | 3 | 17 |  |  |  |
| d. | 4 | 18 |  |  |  |
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