SNC IPI **Physical and Chemical Changes Worksheet**

1. What is the difference between a physical and chemical change?
2. List the **clues** for a physical and chemical change below:

Physical Chemical

1. 1.

2. 2.

3. 3.

 4.

1. What is a precipitate?
2. Identify each of the following as a physical or chemical change and state the clue.

|  |  |  |
| --- | --- | --- |
| **Change** | **Physical or Chemical?** | **Clue** |
| Shattering glass |  |  |
| Folding a paper airplane |  |  |
| Car rusting |  |  |
| Dissolving flavour crystals in water |  |  |
| Making a campfire |  |  |

1. What clues suggest that these changes are chemical?

|  |  |
| --- | --- |
| **Statement** | **Clue** |
| Bubbles form when baking soda is mixed with lemon juice |  |
| Bleach turns a pink towel white |  |
| A match is stuck and ignites |  |

1. When a frozen pizza is placed in the oven, the cheese begins to darken and the crust becomes brown on the edges. Are these physical or chemical changes? What are the clues?
2. Why is dissolving salt in water a physical change, not a chemical change?