Sci 8 Name:

Block:

**Physical or Chemical Property?**

What is the different between a physical property and a chemical property?

Indicate whether the statement describes a **physical property** or **chemical property**. The first one is done for you.

|  |  |
| --- | --- |
| Statement | Physical or Chemical Property |
| Wood is combustible | Chemical property |
| Aluminum tent poles are malleable (bendable) |  |
| Oxygen is a gas at room temperature |  |
| The melting point of chocolate is 30C |  |
| Potassium in fireworks is very reactive |  |
| Propane gas in the lantern is flammable |  |
| Gold is shiny |  |
| The strawberry is sweet |  |
| Chocolate smells yummy |  |
| Water boils at 100C |  |
| The paper can be folded into an airplane |  |
| The tree is 4m tall |  |
| Sandpaper is rough |  |

**Chemical or Physical Change?**

What is the difference between a **physical change** and a **chemical change**?

State whether each example is either a physical or chemical change.

|  |  |
| --- | --- |
| Change | Chemical or Physical change |
| Fireworks exploding |  |
| Clothing drying |  |
| Digesting hot dog |  |
| Roasting marshmallows |  |
| Chopping wood |  |
| A sheet of paper crumpled into a ball. |  |
| A sheet of paper is torn in two pieces |  |
| A sheet of paper is set on fire and burns to ashes |  |
| Steel wool is placed in a glass of salty water. The steel wool rusts. |  |
| A sheet of flexible, colourless plastic is left outside, in bright sunlight, and becomes yellow and brittle over time. |  |
| A teaspoon of white sugar dissolves in a glass of warm water. |  |
| Vinegar is poured over a teaspoon of baking soda. The white baking soda fizzes and bubbles form. |  |
| A red-hot nail is inserted into a large block of ice. Steam forms as the nail contacts the block and water flow away from the nail.  |  |
| A scoop of ice cream falls on the side walk and melts into a puddle |  |