

Name : \_\_\_\_\_ Date : \_\_\_\_\_

## Physical and Chemical Properties Worksheet

### Part A

Classify the following properties as either physical or chemical by putting a checkmark (✓) in the appropriate column.

	Physical Property	Chemical Property
Blue color		
Density		
Solubility		
Flammability		
Reaction with acid to form hydrogen		
Support combustion		
Bitter taste		
Melting point		
Reaction with water to form gas		
Hardness		

### Part B

Circle the correct choice that best completes the statement or answers the question.

1. Physical or Chemical properties describe matter
2. The physical or chemical properties of a substance can be easily observed
3. Physical or chemical property usually describes how a substance reacts
4. One can use the five senses to determine the physical or chemical properties of a substance
5. Physical or chemical properties are not easy to observe
6. Physical or chemical properties can tell if oxygen is colorless
7. Copper reacting with oxygen and  $\text{CO}_2$  to turn green is a physical or chemical property
8. A piece of metal is magnetic is a physical or chemical property
9. Physical or chemical property can predict the reaction between baking soda and acid
10. The height of a person is a physical or chemical property

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## Answers

### Part A

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	Physical Property	Chemical Property
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Density	✓	
Solubility	✓	
Flammability		✓
Reaction with acid to form hydrogen		✓
Support combustion		✓
Bitter taste	✓	
Melting point	✓	
Reaction with water to form gas		✓
Hardness	✓	

### Part B

Circle the correct choice that best completes the statement or answers the question.

1. **Physical** or Chemical properties describe matter
2. The **physical** or chemical properties of a substance can be easily observed
3. Physical or **chemical** property usually describes how a substance reacts
4. One can use the five senses to determine the **physical** or chemical properties of a substance
5. Physical or **chemical** properties are not easy to observe
6. **Physical** or chemical properties can tell if oxygen is colorless
7. Copper reacting with oxygen and CO<sup>2</sup> to turn green is a physical or **chemical** property
8. A piece of metal is magnetic is a **physical** or chemical property
9. Physical or **chemical** property can predict the reaction between baking soda and acid
10. The height of a person is a **physical** or chemical property