



Properties of Matter

Name: _____

Date: _____

Grade: Grade 5

Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: Flammability is a physical property because you can see a material catch fire.

Rewrite: _____

2. Fix the sentence: The color of a rock is a chemical property because you must test it in a lab.

Rewrite: _____

3. Fix the sentence:

Density is a chemical property because you need to measure both mass and volume.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

1. A physical property can be observed without changing the _____ of a substance.
2. The ability of a substance to rust when exposed to oxygen is a _____ property.
3. Mass, volume, and color are all examples of _____ properties.
4. A chemical property describes how a substance _____ with other substances.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Name two physical properties and two chemical properties of a piece of iron.

2. Why is boiling point considered a physical property and not a chemical property?

Answer Key • Properties of Matter • Grade: Grade 5

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Part B: Fill in the Blank

Write the missing word or number on each line.

1. A physical property can be observed without changing the composition of a substance.
2. The ability of a substance to rust when exposed to oxygen is a chemical property.
3. Mass, volume, and color are all examples of physical properties.
4. A chemical property describes how a substance reacts with other substances.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Name two physical properties and two chemical properties of a piece of iron.

2. Why is boiling point considered a physical property and not a chemical property?
