



Rocks and Minerals

Name: _____

Date: _____

Grade: Grade 4

Part A: Fix the Sentence

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

1. Fix the sentence:

Obsidian is a sedimentary rock formed from layers of dark mud at the bottom of the ocean.

Rewrite: _____

2. Fix the sentence:

Weathering is the process of gluing sediment together to form new rocks.

Rewrite: _____

3. Fix the sentence:

Slate is an igneous rock that forms when a volcano erupts underwater.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

- Basalt is an igneous rock that forms when lava cools _____ on Earth's surface.
- Wind, water, and ice break rocks apart through a process called _____.
- Fossils of ancient sea creatures found on a mountaintop tell us the rock was once at the bottom of an _____.
- Pyrite is called fool's gold because its _____ color looks like real gold.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Explain one way a metamorphic rock can become a sedimentary rock.

2. Why can two minerals that look the same color still be different minerals?

Part A: Fix the Sentence

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

- 1. Fix the sentence:

Obsidian is a sedimentary rock formed from layers of dark mud at the bottom of the ocean.

Rewrite: _____

- 2. Fix the sentence: Weathering is the process of gluing sediment together to form new rocks.

Rewrite: _____

- 3. Fix the sentence: Slate is an igneous rock that forms when a volcano erupts underwater.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

- 1. Basalt is an igneous rock that forms when lava cools quickly on Earth's surface.
- 2. Wind, water, and ice break rocks apart through a process called weathering.
- 3. Fossils of ancient sea creatures found on a mountaintop tell us the rock was once at the bottom of an ocean.
- 4. Pyrite is called fool's gold because its yellow color looks like real gold.

Part C: Short Answer

Answer each question in one or two complete sentences.

- 1. Explain one way a metamorphic rock can become a sedimentary rock.

- 2. Why can two minerals that look the same color still be different minerals?

