



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: Diamond is the softest mineral on the Mohs scale, with a hardness of 1.

Rewrite: _____

2. Fix the sentence: Marble is a sedimentary rock that forms when sand grains pile up on a riverbed.

Rewrite: _____

3. Fix the sentence: Erosion happens when rocks stay in one place and grow larger over time.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

- Sandstone is a sedimentary rock formed from tiny grains of _____ cemented together.
- Minerals that break along smooth, flat surfaces have a property called _____.
- Granite contains visible crystals of quartz, feldspar, and _____.
- Rocks that form from cooled lava on Earth's surface have _____ crystals because they cool quickly.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Name two ways people use rocks or minerals in everyday life.

2. How can an igneous rock become a sedimentary rock?

Part A: Fix the Sentence

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

1. Fix the sentence: Diamond is the softest mineral on the Mohs scale, with a hardness of 1.

Rewrite: **Diamond is the hardest mineral on the Mohs scale, with a hardness of 10. Talc is the softest mineral, with a hardness of 1.**

2. Fix the sentence: Marble is a sedimentary rock that forms when sand grains pile up on a riverbed.

Rewrite: **Marble is a metamorphic rock that forms when limestone is changed by extreme heat and pressure inside the Earth.**

3. Fix the sentence: Erosion happens when rocks stay in one place and grow larger over time.

Rewrite: **Erosion happens when wind, water, or ice move pieces of rock and soil from one place to another.**

Part B: Fill in the Blank

Write the missing word or number on each line.

- Sandstone is a sedimentary rock formed from tiny grains of sand cemented together.
- Minerals that break along smooth, flat surfaces have a property called cleavage.
- Granite contains visible crystals of quartz, feldspar, and mica.
- Rocks that form from cooled lava on Earth's surface have small crystals because they cool quickly.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Name two ways people use rocks or minerals in everyday life.

Granite is used for kitchen countertops and building stones because it is hard and durable. Graphite, a soft mineral, is used inside pencils for writing.

2. How can an igneous rock become a sedimentary rock?

An igneous rock is broken into small pieces by weathering. Wind and water carry those pieces, called sediment, to a lake or ocean where they settle in layers. Over time, the layers are pressed and