



# 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:

Sedimentary rocks form when melted rock cools and hardens underground or on the surface.

Rewrite: \_\_\_\_\_

2. Fix the sentence:

Metamorphic rocks are formed by layers of sand and mud piling up at the bottom of a lake.

Rewrite: \_\_\_\_\_

3. Fix the sentence: Granite is a sedimentary rock made from layers of compressed sand.

Rewrite: \_\_\_\_\_

## Part B: Fill in the Blank

Write the missing word or number on each line.

1. Rocks that form from cooled magma or lava are called \_\_\_\_\_ rocks.

2. Rocks made from layers of sediment pressed together are called \_\_\_\_\_ rocks.

3. Rocks changed by heat and pressure are called \_\_\_\_\_ rocks.

4. The continuous process of rocks changing from one type to another is the rock \_\_\_\_\_.

## Part C: Short Answer

Answer each question in one or two complete sentences.

1. How does an igneous rock form? Give one example.

\_\_\_\_\_  
\_\_\_\_\_

2. What is the difference between a rock and a mineral?

\_\_\_\_\_  
\_\_\_\_\_

### Part A: Fix the Sentence

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

1. Fix the sentence:

*Sedimentary rocks form when melted rock cools and hardens underground or on the surface.*

Rewrite: **Igneous rocks form when melted rock cools and hardens. Sedimentary rocks form when layers of sediment are pressed and cemented together.**

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2. Fix the sentence:

*Metamorphic rocks are formed by layers of sand and mud piling up at the bottom of a lake.*

Rewrite: **Metamorphic rocks are formed when existing rocks are changed by extreme heat and pressure deep inside the Earth.**

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3. Fix the sentence: *Granite is a sedimentary rock made from layers of compressed sand.*

Rewrite: **Granite is an igneous rock that forms when magma cools slowly underground, allowing large mineral crystals to grow.**

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### Part B: Fill in the Blank

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Write the missing word or number on each line.

1. Rocks that form from cooled magma or lava are called **igneous** rocks.
2. Rocks made from layers of sediment pressed together are called **sedimentary** rocks.
3. Rocks changed by heat and pressure are called **metamorphic** rocks.
4. The continuous process of rocks changing from one type to another is the rock **cycle**.

### Part C: Short Answer

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Answer each question in one or two complete sentences.

1. How does an igneous rock form? Give one example.

*Igneous rocks form when hot melted rock called magma or lava cools and hardens. Granite is an example that forms when magma cools slowly underground.*

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