



Rocks and Minerals

Name: _____

Date: _____

Grade: Grade 4

Part A: Multiple Choice

Circle the best answer for each question.

1. Which rock type is most likely to contain fossils?

- A) igneous
- B) sedimentary
- C) metamorphic
- D) all types equally

2. What happens to sedimentary rock when it is exposed to extreme heat and pressure?

- A) It melts into lava
- B) It becomes metamorphic rock
- C) It turns into igneous rock
- D) It breaks into sediment

3. A student finds a rock with visible layers of different colored sand pressed together. What type of rock is it most likely?

- A) igneous
- B) sedimentary
- C) metamorphic
- D) mineral

4. Which mineral property is measured by scratching one mineral against another?

- A) luster
- B) streak
- C) hardness
- D) color

Part B: Fill in the Blank

Write the correct answer on each line.

1. When magma cools slowly underground, it forms igneous rocks with _____ crystals.
2. The three rock types in the rock cycle are igneous, sedimentary, and _____.
3. Weathering and erosion break rocks into small pieces called _____.
4. Quartzite is a metamorphic rock that forms from _____.
5. A mineral that has a metallic luster looks like polished _____.

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Part B: Fill in the Blank

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1. When magma cools slowly underground, it forms igneous rocks with large crystals.
2. The three rock types in the rock cycle are igneous, sedimentary, and metamorphic.
3. Weathering and erosion break rocks into small pieces called sediment.
4. Quartzite is a metamorphic rock that forms from sandstone.
5. A mineral that has a metallic luster looks like polished metal.