

solid  
lava

WORLD OF ROCKS  
TYPE & SOURCE

# The Rock Files

Read the passage. Then answer the questions that follow.

Sediment rocks are formed when other kinds of igneous rocks, many forms of sedimentary rocks, or lava. Igneous rocks are hard and strong. The sediment rocks are soft. Granite is strong and durable. It forms beneath Earth's surface when magma rock (basalt) is smooth and still. It forms above ground when lava does quickly.

Sedimentary rocks are layers of sediment that have been over time. This is called weathering. They small pieces are carried away by wind or water. Then they settle at the bottom of oceans, lakes, and streams. They small rocks that settle are called sediments. Over time, the sediment builds up. Then it becomes together to form sedimentary rocks.

Sediment rocks can change under heat or pressure. They turn into metamorphic rocks. They also change over time of lava intrusions. These rocks are called metasomatic rocks. Metasomatic rocks can turn from igneous, sedimentary, or metamorphic rocks. When other metamorphic rocks are heated and placed under pressure, it turns into the metamorphic rock again.

1. How do igneous rocks form?

2. What rock makes up igneous rock with different types together?

3. What kind rocks are sedimentary rocks made of?

4. What is the same for a rock that changes form?

5. What different types of rocks can change form?

