

1. What are the three types of rocks that are part of the rock cycle?

- a. Hard, soft, and brittle
- b. Sand, stone, and volcanic
- c. Dactylic, iambic, and spondaic
- d. Igneous, metamorphic, and sedimentary

2. What do you need in order for igneous rock to form?

- a. A volcano
- b. A mountain
- c. A glacier
- d. A canyon

3.  What do granite and basalt have in common?

- a. They're sedimentary rocks
- b. They're metamorphic rocks
- c. They're igneous rocks
- d. They're formed by erosion

4. What is the difference between magma and lava?

- a. Magma is very hot, lava is cool.
- b. Magma is molten rock within the earth; lava is molten rock on the earth's surface.
- c. Magma is molten rock on the earth's surface; lava is molten rock within the earth.
- d. Magma is cool, lava is very hot.

5. Which of these is a sedimentary rock?

- a. Granite
- b. Obsidian
- c. Sandstone
- d. Quartzite

6. What can you infer about metamorphic rocks from their name?

- a. They form deep within the earth
- b. They form on the earth's surface
- c. They form under heat and pressure
- d. They have changed in some way





7. Where might you find mountains of metamorphic rock?

- a. Near volcanoes
- b. At the boundaries between tectonic plates
- c. Buried under bodies of water
- d. Near any landscape that has been eroded

8. What has to happen to sediment in order for it to become sedimentary rock?

- a. It has to bond and harden.
- b. It has to be buried deep within the earth.
- c. It has to be around a volcanic eruption.
- d. It has to be washed away by wind and rain.

9. Sedimentary rock is most similar to which of the following?

- a. 
- b. 
- c. 
- d. 

10. When does a sedimentary rock become a metamorphic rock?

- a. When it's left alone over a long period of time
- b. When it erupts out of a volcano
- c. When its sediments bond together
- d. When it's subjected to intense heat and pressure