

Earth and Life History

Brainpop—Types of Rocks

Name:

Period:

Watch the Brainpop on types of rocks, then fill out the sheet below.

For each statement below, write **igneous**, **metamorphic**, or **sedimentary** for the kind of rock described.

_____ rocks are found on the slopes of Mt. St. Helens (a volcano).

_____ rocks might contain dinosaur fossils.

_____ rocks would be found 10 kilometers beneath Earth's surface.

_____ rocks have a name that means they have been transformed.

_____ rocks start off as a liquid.

_____ rocks are made from bits and pieces of the other two types of rock.

_____ rocks can be made from the other two types of rock if heat and pressure are applied to them.



_____ 1. Which force plays a major role in the formation of metamorphic rock?

- A. acceleration
- B. friction
- C. pressure
- D. centrifugal force

_____ 2. Which of the following is a true statement?

- A. magma is called lava after it emerges from the ground
- B. lava cools off to form magma
- C. magma and lava form sedimentary rocks
- D. magma and lava are two types of metamorphic rock

_____ 3. Sedimentary rocks often form horizontal strata. What are strata?

- A. crystals
- B. layers
- C. mineral grains
- D. pieces of older rocks

_____ 4. If you found a rock with long, flat mineral grains, what type of rock would it probably be?

- A. an extrusive igneous rock
- B. an intrusive igneous rock
- C. a sedimentary rock
- D. a metamorphic rock

_____ 5. Metamorphic rocks undergo metamorphosis. What is another example of metamorphosis?

- A. a candle burning
- B. a caterpillar turning into a butterfly
- C. a volcano erupting
- D. a five-story building being constructed



At the start of the movie, Moby is juggling rocks. What does this have to do with rock types?