

**EC 7.3 Question Set #1:**

1. Do each of the following statements describe an igneous, metamorphic, or sedimentary rock?
  - a. Found on the slopes of Mt. St. Helens
  - b. Contains dinosaur fossils
  - c. Found 10 kilometers beneath the earth's surface
  - d. Name implies that the rock has been transformed
  - e. Starts of as a liquid
  - f. Heat and pressure can turn the other two types into this
  - g. Bits and pieces of the other two types can be found in this
2. Complete the following sentences.
  - a. Igneous rocks form when . . .
  - b. Sedimentary rocks form when . . .
  - c. Metamorphic rocks form when . . .
3. Lava always forms igneous rocks. But not all igneous rocks are formed from lava.
  - a. What is lava?
  - b. If an igneous rock didn't form from lava, what did it form from?
4. How are rocks and minerals related?
5. Describe four properties of minerals that are used for identification. How is each different?
6. Why do some igneous rocks have bigger mineral grains than other igneous rocks?
7. Jess was on a bus that drove past a steep hillside of bare rock. "Look," she said to her friend, "sedimentary rocks!" How did she know?
8. A metamorphic rock is a changed rock.
  - a. What did it change from?
  - b. What changed it?
9. Why can two rocks look very different even though they are made of the same minerals?
10. Write a song about "rocks" that could be set to "rock" music.