

Rock Station Activity

name: _____

Use sentences if there is an asterisk*.

1. List 3 volcanic igneous rocks. _____
2. List 3 plutonic igneous rocks. _____
3. List 3 metamorphic rocks. _____
4. *Look at A and B in figure 16 on page 82 of your text. Explain how the rocks shown in figure 14 and 17 formed.
5. What two things cause sedimentary or igneous rock change into metamorphic rocks?
6. How would granite between Helena and Butte end up as sand and clay in the Gulf of Mexico? (3 steps; Mass wasting is not involved here.)
7. *Besides color, and the fact that it is a fuel, what is the biggest difference between the sediment that makes up coal compared to sediments that make up other sedimentary rocks?
8. What kind of sediment is the rock called "conglomerate" made of?

Go to the trays to answer the rest of the questions. You may refer to the book or your notes for help. If you get stuck, go to the next station and come back later.

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