

Name _____

Date _____



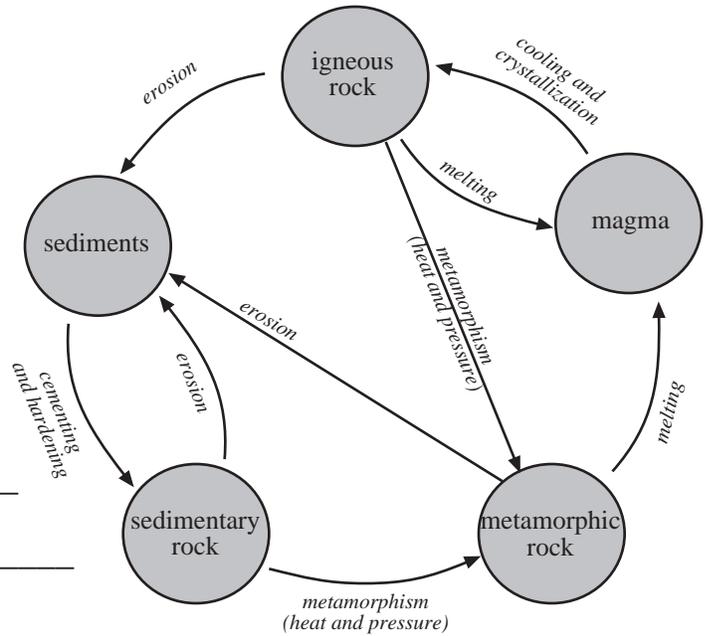
Hard Rock Café Proficiency Assessment



Directions: Extended multiple choice. Use the diagram as you answer the following questions.

- 1-2) An igneous rock cannot
- a) erode to form sediments
 - b) melt into magma
 - c) become metamorphic rock through heat and pressure
 - d) cool into magma

Explain _____



3-4) An inference is a decision made from observation. Anna finds two interesting rocks while collecting in a creekbed. One is round and smooth and the other is flat and smooth. Which of the following could she infer from her observation?

- a) both rocks are igneous rocks
- b) both rocks were made smooth through erosion
- c) the flat rock is not as hard as the round rock
- d) the round rock is more likely to contain fossils

Explain _____

Directions: Short Answer.

5-6) Explain how to measure the volume of a rock using water.

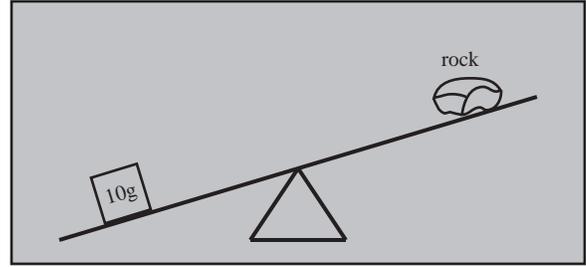


Hard Rock Café Proficiency Assessment (continued)



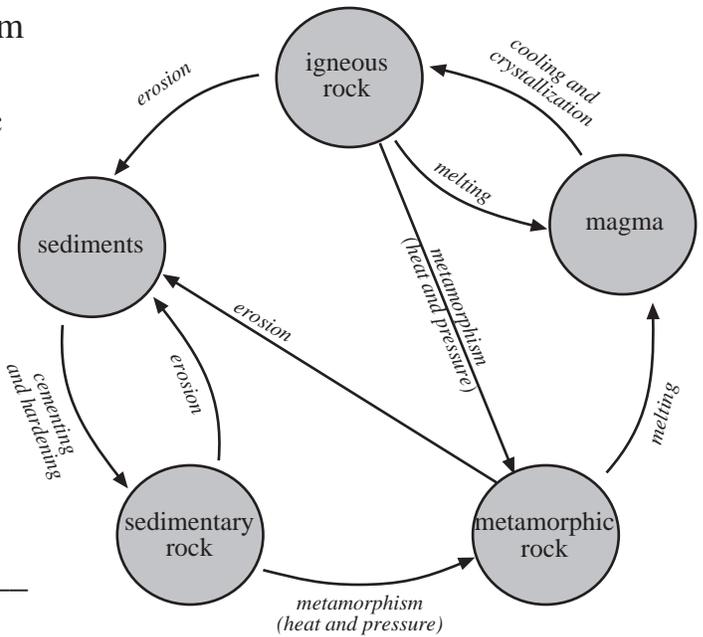
Directions: Short answer. Use the diagram as you answer the following question.

7-8) Using an assortment of weights, tell what you would need to do to find the weight of the rock on the scale.



Directions: Extended response. Use the diagram as you answer the following questions.

9-10) Robbie Rock begins as a metamorphic rock and over time becomes a sedimentary rock. Explain two ways this is possible.



First way: _____

Second way: _____
