



Department of Education
Specialized Bilingual School Alcides Figueroa
Añasco, P.R.



Name: _____
Ms. Mercado Ojeda

Date: _____
9th Grade- Earth Sciences

Topic: Rocks

I. True or False. Write T if the statement is true or F if the statement is false, if is false explain why. 20 points.

- _____ 1. A rock is a naturally occurring and coherent aggregate of one or more minerals.

- _____ 2. The two types of igneous rocks are silicate and nonsilicate.

- _____ 3. If a rock is changed by heat, pressure or chemical reactions, it can form a metamorphic rock.

- _____ 4. In cementation the sediment settles out of water or the wind into layers.

- _____ 5. Rhyolite and Basalt were formed from lava that erupted onto Earth's Surface.

- _____ 6. In weathering and erosion, rocks are broken down by freezing and thawing, organisms, and other forces.

- _____ 7. When the grains of a metamorphic rock are arranged in parallel layers or bands it is classify as foliated.

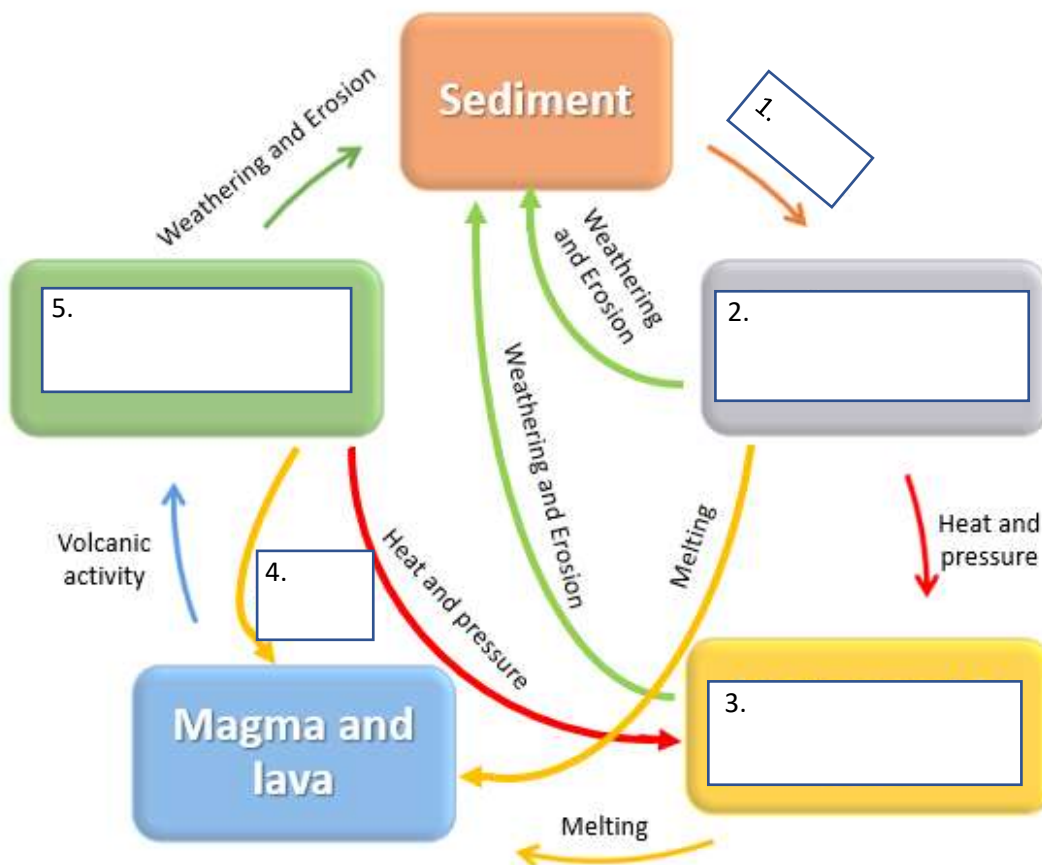


_____ 8. Plate movements help drive the rock cycle by helping to form lava, the source of sedimentary rocks.

_____ 9. The temperature and composition of the molten rock determine the kind of igneous rock that is formed.

_____ 10. Tectonic plates help the rock cycle to proceed.

II. Complete the diagram. Fill in the spaces to complete the rock cycle diagram. 10 points.





III. Explain. Using the diagram above, explain in *your own words* how the rock cycle works. 10 points.

IV. Classify. Using the images below, classify each rock as *metamorphic, igneous or sedimentary*. 10 points.







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