

NOTE: all the answers can be found in the Rock Cycle handout!

1. All rocks found on earth can be categorized into one of ____ major rock categories.
 2. True or False: A sedimentary rock forms from heat and pressure?
 3. I cooled directly from molten magma. What type of rock am I?
a) Igneous b) obsidian c) pumice d) all of the above
 4. Reorder the 4 processes involved in the formation of a sedimentary rock:

1. deposition	1. _____
2. weathering	2. _____
3. compaction & cementation	3. _____
4. erosion	4. _____
 5. True or False: The process of metamorphism creates new rocks?
 6. What type of rocks are found in Yukon?
a) Igneous b) metamorphic c) sedimentary d) all of the above
 7. I have interlocking mineral crystals. What type of rock am I?
a) metamorphic b) granite c) limestone d) sedimentary
 8. True or False: Shale is a sedimentary rock that forms deep below the surface of the earth.
 9. True or False: The transport of rock and soil by glaciers is a process known as weathering.
 10. Metamorphic rocks form by which main process?
a) Cooling b) compaction and cementation c) heat and pressure d) all of the above
 11. True or False: All Sedimentary rocks are layered.
 12. My mineral crystals are hard to see without the aid of a magnifier. What type of rock am I?
a) igneous intrusive b) igneous extrusive c) sedimentary d) metamorphic
 13. I am a metamorphosed limestone:
a) schist b) rhyolite c) quartzite d) marble
 14. Rounded grains are found in what type of rock?
a) igneous intrusive b) igneous extrusive c) metamorphic d) sedimentary
 15. True or False: Once a sedimentary rock is metamorphosed, it may never be a sedimentary rock again.
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