Rock Cycle Color-by-Numb

#	Question/Problem	Answer Choice A	Answer Choice B	Answer Choice C
1	The type of rock that forms when magma or lava cools and becomes solid	**Metamorphic** Color White	**Igneous** Color Pale Yellow	**Sedimentary** Color Pink
2	Metamorphic rocks are different from igneous and sedimentary rocks in that metamorphic rocks form-	**by layering minerals of different sizes.** Color Black	**from existing rock that has been changed.** Color Dark Brown	**by magma rising to the Earth's surface.** Color Grey
3	Igneous rock can be changed into sedimentary rock when igneous rocks -	**melt to form layers of different minerals.** Color Black	**that are created by volcanoes create new land.** Color Brown	**are weathered and the fragments are deposited.** Color Grey
4	Rocks are classified into these groups based on how they formed	**Igneous, Metamorphic, Sedimentary** Color Tan	**Extrusive, Intrusive, Clastic** Color Grey	**Organic, Inorganic, Chemical** Color Black
5	Igneous rocks and metamorphic rocks are formed in similar ways because they both -	**cool to form distinct layers.** Color Brown	**require extreme heat.** Color Black	**always form sediment.** Color Yellow
6	Sedimentary rocks can be changed into igneous rock if sediments are -	**weathered** Color Red	**compacted** Color Orange	**melted** Color Dark Blue
7	Pieces of rocks, minerals, remains of living things, and dissolved minerals	**Fossils** Color Green	**Minerals** Color Purple	**Sediment** Color Light Blue
8	Sedimentary rock can be changed into metamorphic rock if it is -	**exposed to extreme heat beneath the Earth's surface** Color Green	**weathered and eroded by ocean waves** Color Dark Blue	**broken down by heating and cooling** Color Red
9	The breaking apart of existing rock, forming sediment	**Deposition** Color Green	**Weathering** Color Purple	**Erosion** Color Orange
10	The primary process that turns sediments into sedimentary rock	**Minerals within sediment, absorbing water, and undergoing a chemical reaction** Color Red	**Magma cooling under the surface of the Earth, crystallizing to form rock** Color Dark Blue	**Upper layers of sediment pressing down on lower layers of deposited sediment** Color Orange

Name _____ Date _____

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DIRECTIONS: Read each question on the other page provided and circle the correct answer. On this coloring page, color every section that contains that question number with the designated color of your answer choice.