



# The Rock Cycle

Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

Match each of the following terms to its definition:

Rock cycle

Nonfoliated metamorphic rock

Metamorphic rock

Organic sedimentary

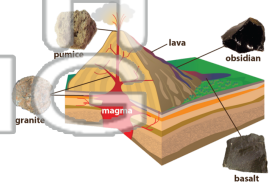
Lava

Mafic

Igneous rock

Regional metamorphism

1. \_\_\_\_\_ - rocks that are formed underground when melted rock, called magma, deep below the Earth's surface, becomes trapped in small areas underground; they are formed above ground when lava erupts from a volcano and then cools



2. \_\_\_\_\_ - liquid (molten) rock that is extruded through the surface of the Earth's crust; melted rock that comes above the Earth's surface

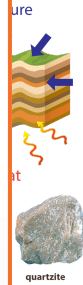


3. \_\_\_\_\_ igneous



4. \_\_\_\_\_ pressure the extreme together

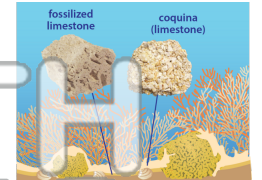
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5. \_\_\_\_\_ arranger



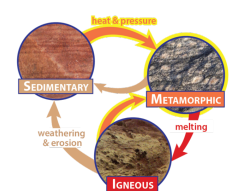
6. \_\_\_\_\_ - sedimentary rock formed by the accumulation of shell material on the ocean floor



7. \_\_\_\_\_ - metamorphism of a rock caused by intense pressure such as mountain formation



8. \_\_\_\_\_ - the interconnection of geologic processes by which one rock type is turned into another rock type





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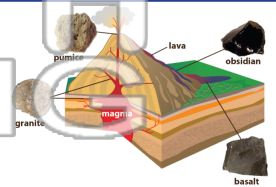
Lava

Mafic

Igneous rock

Regional metamorphism

1. **igneous rock** - rocks that are formed underground when melted rock, called magma, deep below the Earth's surface, becomes trapped in small areas underground; they are formed above ground when lava erupts from a volcano and then cools



2. **lava** - liquid (molten) rock that is extruded through the surface of the Earth's crust; melted rock that comes above the Earth's surface



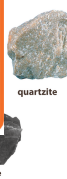
3. **mafic rocks**



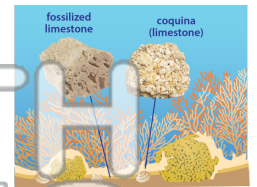
4. **metamorphic rocks** - rocks that have been changed by heat and pressure deep in the Earth's crust



5. **nonfoliated metamorphic rocks** - metamorphic rocks that do not have a layered appearance



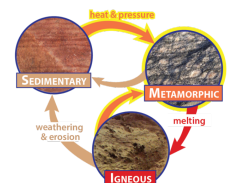
6. **organic sedimentary** - sedimentary rock formed by the accumulation of shell material on the ocean floor



7. **regional metamorphism** - metamorphism of a rock caused by intense pressure such as mountain formation



8. **rock cycle** - the interconnection of geologic processes by which one rock type is turned into another rock type



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