**Rocks & Minerals Review Sheet Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. **Minerals**

* How are elements, rocks, and minerals related?
* Define the 8 main physical properties of minerals.

1. **Rocks (General)**

* What are the 3 types of rocks, and how is each formed?
* Provide 2 examples for each type of rock.
* How does the rock cycle impact the Earth?
* Why is the rock cycle considered “endless?”
* What might happen if the rock cycle stops?

1. **Sedimentary Rocks**

* Define Clastic sedimentary rocks.
* Define non-clastic sedimentary rocks.
* In what type of environment are sedimentary rocks formed?
* How is wind involved in the formation of sedimentary rock?
* Why are coal, fossils, and petrified wood considered “organic” rocks?

1. **Igneous Rocks**

* Name the two processes that form an Igneous Rock.
* Identify two locations where Igneous Rocks form.
* Compare and contrast obsidian and basalt.
* Define intrusive and extrusive, and classify magma and lava accordingly.

1. **Metamorphic Rocks**

* What is the difference between Regional and Contact Metamorphism?
* Explain the difference between foliated and non-foliated.
* Provide a reason as to why metamorphic rocks might be considered more valuable than sedimentary or igneous.

1. **Name that rock.**

* Crystals (large), no layers, dark color = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* No crystals, no layers, angular pebbles = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Crystals (medium), layers = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* No crystals, glassy = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Crystals (large), no layers, light color = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* No crystals, layers, sand = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* No crystals, layers, shiny = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. **Complete the Rock Cycle (Including arrows)**

