

Name: _____ Date: _____ Period: _____

Igneous Rocks Worksheet #2

Use your Earth Science Reference Tables, to answer the following questions.

1. Name four felsic igneous rocks.

2. Name four mafic igneous rocks.

3. Name a plutonic, mafic igneous rock.

4. Which igneous rock cooled slowly under ground and contains mostly quartz and potassium feldspar? _____

5. As igneous rocks become more mafic, they also become (color) _____

6. As igneous rocks become more felsic, they also become (density) _____

7. Which igneous rock is fine-grained and has a lot of pyroxene? _____

8. Name a coarse-grained igneous rock composed mainly of olivine. _____

9. Name an intrusive, dense and dark-colored igneous rock. _____

10. Igneous rocks are classified mainly by their _____

11. One can determine where an igneous rock formed by observing the _____

Use your Earth Science Reference Tables to fill in the blank spaces in the table.

Rock	Formed from...	Cooling rate	Crystal size	Texture
Rhyolite	Lava		Small	
Gabbro		Slow		Coarse
Basalt		Fast		Fine
Pumice	Lava		No crystals	
Obsidian		Very fast		Glassy
Granite	Magma		Large	