

Name _____

PRELAB EXERCISE ON IGNEOUS ROCKS

1. Define:

texture: _____

phaneritic: _____

aphanitic: _____

porphyritic: _____

pegmatitic: _____

pyroclastic: _____

vesicular: _____

2. Which would tell the most about the **cooling history** of an igneous rock:

texture, color, mineral composition, or chemical composition? Support your answer.

3. Know how to use the Igneous Rock Classification Chart.

a felsic, phaneritic igneous rock would be called: _____

a felsic, aphanitic igneous rock would be called: _____

a mafic, phaneritic igneous rock would be called: _____

a mafic, aphanitic igneous rock would be called: _____

an intermediate, phaneritic igneous rock would be called: _____

4. Quartz, feldspar, biotite, and muscovite are found in igneous rocks that have which composition?

5. Name **four** black/dark green minerals common in igneous rocks: _____
