

## Notes: Igneous Rocks

name: \_\_\_\_\_

**Formed as** \_\_\_\_\_

Two sub-categories are \_\_\_\_\_ and \_\_\_\_\_

a.k.a. \_\_\_\_\_ a.k.a. \_\_\_\_\_

1. **Granite** ( ) (most common plutonic igneous rock) texture: \_\_\_\_\_

A. Contains lots of \_\_\_\_\_

B. \_\_\_\_\_ is made mostly of granite.

C. Example: \_\_\_\_\_

2. **Basalt** ( ) most common volcanic igneous rock texture: \_\_\_\_\_

A. Contains very little \_\_\_\_\_

B. Found in these places: \_\_\_\_\_

\_\_\_\_\_

3. **Diorite** ( ) texture: \_\_\_\_\_

A. Medium amount of \_\_\_\_\_

4. **Gabbro** ( ) texture: \_\_\_\_\_

A. Same recipe (combination of minerals) as \_\_\_\_\_

B. Cooled \_\_\_\_\_ the surface.

C. Examples: \_\_\_\_\_

5. **Rhyolite** ( ) texture: \_\_\_\_\_

A. Same recipe as \_\_\_\_\_

B. Buildings in Helena made of rhyolite: \_\_\_\_\_

\_\_\_\_\_

6. **Andesite** ( ) texture: \_\_\_\_\_

A. First identified in the \_\_\_\_\_ Mountains.

B. Same recipe as \_\_\_\_\_

C. The \_\_\_\_\_ Mountains are made of an andesite.

7. **Obsidian** ( ) texture: \_\_\_\_\_

A. a.k.a. \_\_\_\_\_

B. \_\_\_\_\_

C. Mostly \_\_\_\_\_ (Impurities make it dark.)

8. **Porphyry** ( ) texture: \_\_\_\_\_

A. \_\_\_\_\_

B. \_\_\_\_\_

C. \_\_\_\_\_ near Simms and the \_\_\_\_\_  
are both made of a porphyry.

9. **Pumice** ( ) texture: \_\_\_\_\_

A. contains lots of \_\_\_\_\_

B. formed from a \_\_\_\_\_ lava

10. **Scoria** ( ) texture: \_\_\_\_\_

A. \_\_\_\_\_

11. **Tuff** ( )

A. \_\_\_\_\_

B. Example: \_\_\_\_\_

Read text pages 70-74 (Honors: 55-60) and look at all the photos, diagrams, etc.