

Name: \_\_\_\_\_

Period: \_\_\_\_\_

**1. Most igneous rocks form by which processes?**

- A) heat and pressure
- B) melting and solidification
- C) compaction and cementation
- D) erosion and deposition

**2. According to the Earth Science Reference Tables, which is the best description of the properties of basalt?**

- A) fine-grained and felsic
- B) coarse-grained and felsic
- C) fine-grained and mafic
- D) coarse-grained and mafic

**3. Which two igneous rocks could have the same mineral composition?**

- A) pumice and scoria
- B) rhyolite and diorite
- C) peridotite and andesite
- D) gabbro and basalt

**4. According to the Earth Science Reference Tables, which mineral is most abundant in gabbro?**

- A) quartz
- B) potassium feldspar
- C) pyroxene
- D) mica

**5. An extrusive igneous rock with a mineral composition of 35% quartz, 35% potassium feldspar, 15% plagioclase feldspar, 10% biotite, and 5% amphibole is called**

- A) basaltic glass
- B) gabbro
- C) granite
- D) rhyolite

**6. Which characteristic of an igneous rock would provide the most information about the environment in which the rock solidified?**

- A) hardness
- B) color
- C) streak
- D) crystal size

**7. Which property is common to most dark-colored igneous rocks?**

- A) high density
- B) coarse-grained texture
- C) intrusive formation
- D) abundant felsic minerals