

Name _____



Date _____

Vocabulary - Chapter 10 - Earth Science

caldera
volcano
pyroclastic material
composite cone

cinder cone
crater
vent

shield volcano
viscosity
intraplate volcanism

Matching

Match each definition with a word.

1. _____ The opening in a volcano that allows gasses and lava to escape from inside the earth.
2. _____ A large crater caused by the violent explosion of a volcano that collapses into a depression.
3. _____ a volcano composed of both lava and pyroclastic material
4. _____ measure of a liquid's resistance to flow
5. _____ these volcanoes are dome-shaped, low, wide, with gently sloping sides that make them have a flat appearance. (Many vents that can erupt with magma at the same time.) Fast moving lava flows continuously over long periods of time.
6. _____ magma and fragments of rock that are ejected into the atmosphere during a violent volcanic eruption
7. _____ A large, bowl-shaped formation that occurs when the top of a volcano falls into the magma chamber.
8. _____ mountain that develops where magma erupts onto the earth's surface
9. _____ a steep sided volcano formed by the explosive eruption of cinders that form around a vent. Cinders are lava fragments about 1 centimeter (about 1/2 inch) in diameter.
10. _____ igneous activity that occurs within a tectonic plate away from plate boundaries

Answer Key

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|-------------------|-------------------------|--------------------------|
| 1. vent | 5. shield volcano | 9. cinder cone |
| 2. caldera | 6. pyroclastic material | 10. intraplate volcanism |
| 3. composite cone | 7. crater | |
| 4. viscosity | 8. volcano | |