

Name \_\_\_\_\_

## The Birth of Volcanoes: Unveiling Their Mysterious Origins

### Multiple Choice Questions

1. What are the Earth's outermost pieces of land called?
  - a. Mantle
  - b. Tectonic plates
  - c. Core
  - d. Mid-ocean ridges
  
2. At which type of plate boundary can underwater volcanoes be found?
  - a. Divergent boundaries
  - b. Convergent boundaries
  - c. Transform boundaries
  - d. Subduction boundaries
  
3. How does subduction contribute to volcano formation?
  - a. By pushing tectonic plates apart
  - b. By causing earthquakes
  - c. By forcing one plate beneath another and melting it
  - d. By creating cracks in the Earth's core
  
4. What is the molten rock that originates in the Earth's mantle called?
  - a. Lava
  - b. Crust
  - c. Magma
  - d. Sediment
  
5. What is formed when lava flows from the volcano's vent and cools and solidifies?
  - a. Earthquakes
  - b. Mantle
  - c. Oceanic plates
  - d. Layers of rock

