

Name _____

The Birth of Volcanoes: Unveiling Their Mysterious Origins

Open-Ended Response Questions

1. Imagine you are a geologist studying a newly formed volcano at a divergent plate boundary. Describe the tools and methods you would use to monitor its activity and ensure the safety of nearby communities.
2. Do you think volcanoes play a more destructive or constructive role in shaping the Earth's surface? Explain your reasoning.
3. Discuss the similarities and differences between volcanic eruptions at convergent and transform plate boundaries, focusing on their causes and consequences.
4. Why do you think some people choose to live near active volcanoes, despite the potential risks? What precautions should they take?

