

Chapter 19.2 Earthquakes and Volcanoes

RFC # 4

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1. What is a volcano and what does it result from?
2. During a volcanic eruption what are the three main products released? How do they form?
3. How does magma reach the earth's surface?
4. What is the name of magma once it reaches the earth's surface?
5. Briefly **explain** how a shield volcano forms? What elements are in the magma? What are the eruptions like?
6. What are composite volcanoes composed of?
7. What causes composite volcanoes to have multiple types of eruptions?
8. What are two unique characteristics about cinder cone volcanoes?
9. How does the cone of the volcano form?
10. **Explain** what a seamount is. What type of volcano does it resemble?
11. What major factor determines the type of volcano that will form? Type of eruption?

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