

Ch. 4 Lesson 2 Review

- 1) Analyze:** Examine the photo of an erupting volcano on a continent. What type of plate boundary is at this location? FSAS SC.7.E.6.5

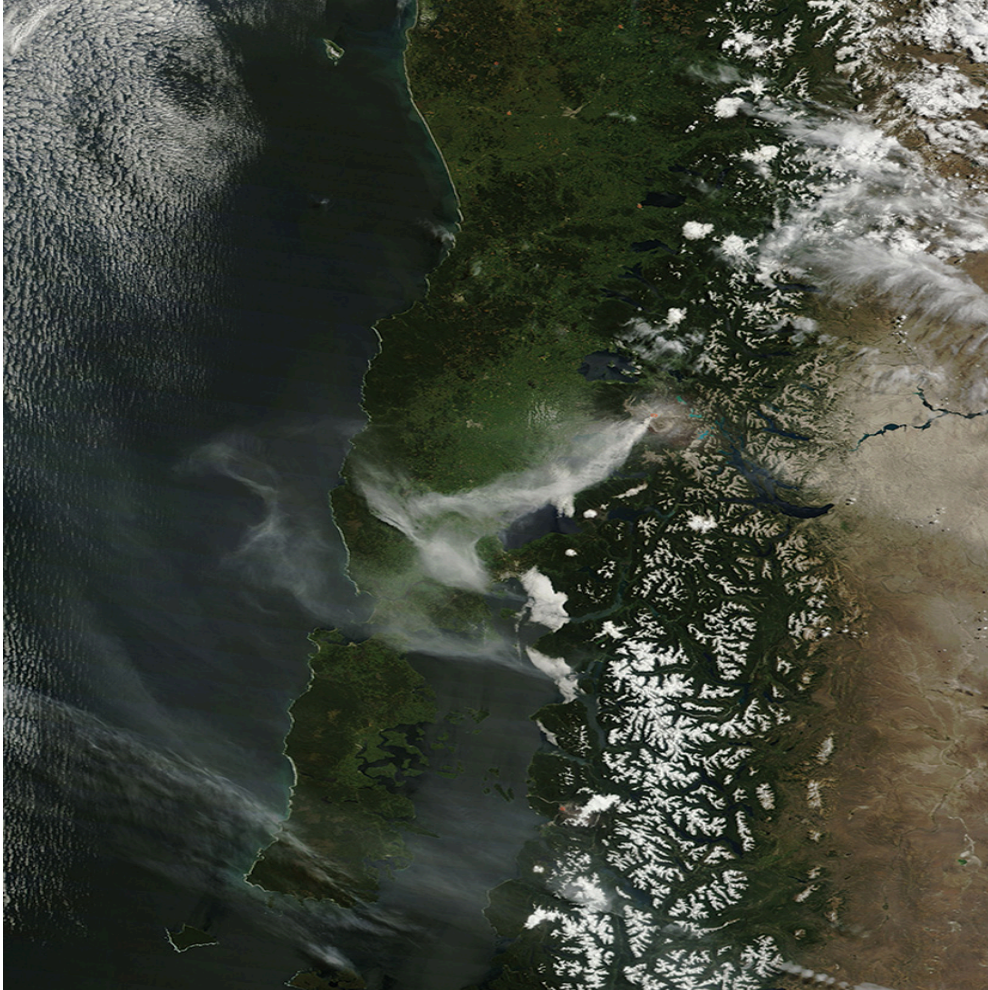


Photo Credit: LANCE/EOSDIS Rapid Response Team/NASA

- convergent plate boundary
 - divergent plate boundary
 - transform plate boundary
 - oceanic plate boundary
- 2) Identify:** When two plates collide, which of the following is a possible outcome? FSAS SC.7.E.6.7
- Neither plate subducts and an island forms.
 - Neither plate subducts and an ocean trench forms.
 - The less dense plate subducts and mountains form.
 - The denser plate subducts and volcanoes form.

Ch. 4 Lesson 2 Review

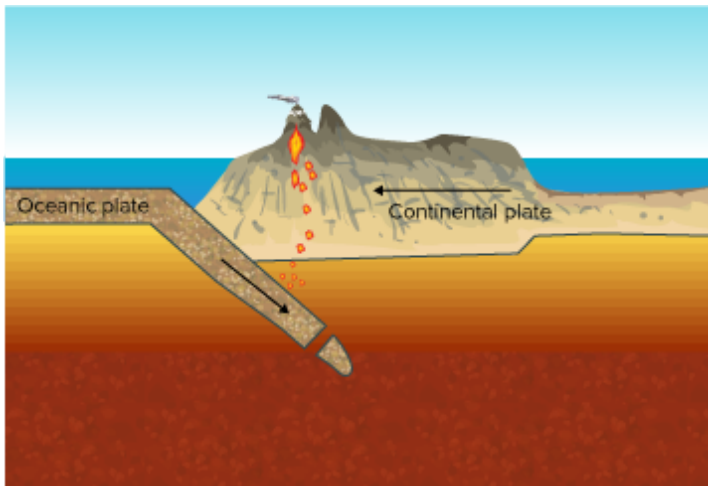
3) Infer: Which of the following is evidence that an earthquake occurred? FSAS SC.7.E.6.7

- rock displacement
- magnetic reversals
- volcanic rocks
- marine fossils

4) What is the term for a column of mantle that is hotter than the surrounding material?

- Subduction zone
- Hot spot
- Supervolcano
- Ocean basin

5) The diagram depicts the interaction of two plates.



What is term for the denser oceanic plate sliding underneath the less dense continental plate?

- Subduction
- Superposition
- Hot spot
- Volcano