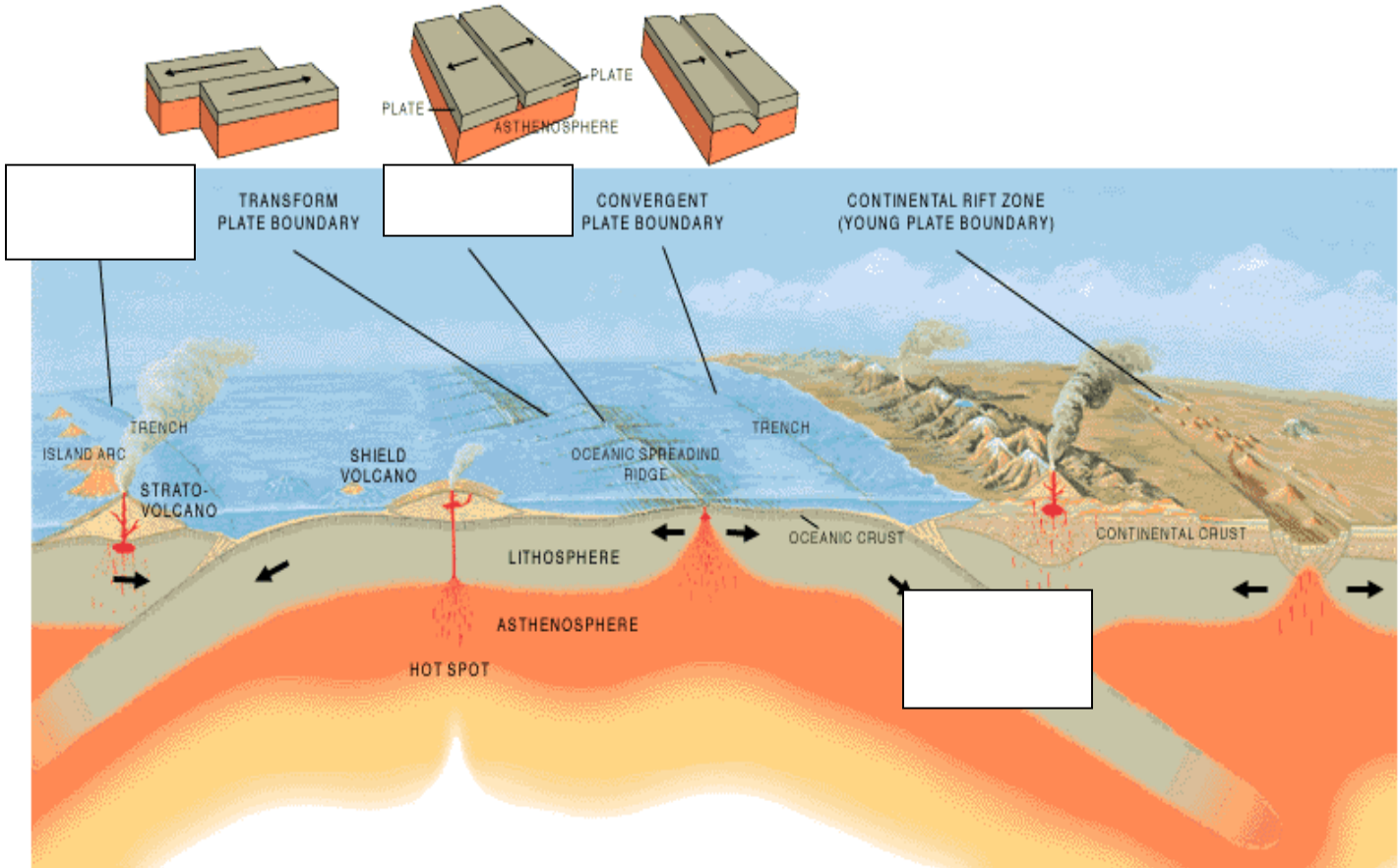


Click on [Illustration of the Main Types of Plate Boundaries](#) [55 k]

Label the diagram below



Finish the following sentence.

Divergent boundaries occur along spreading centers where

_____ are moving _____ and new crust is created by _____ pushing up from the _____.

Click on the link: [Mid-Atlantic Ridge](#) [26 k]

1. What is shown in this picture? What type of plate boundary is it? Where is it located?

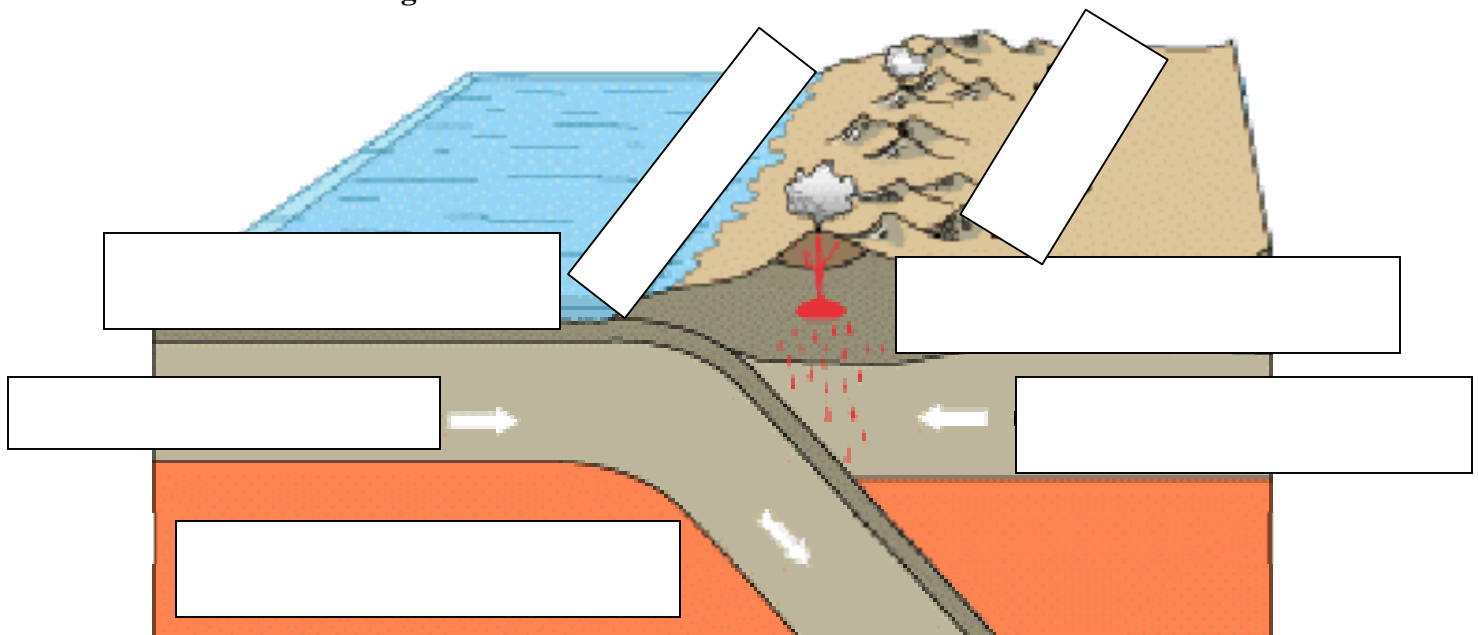
Part E: Plate Tectonics: Types of Boundaries: Convergent Boundaries

Scroll down to: Convergent Boundaries.

1. What is the location where sinking of a plate occurs is called?
_____.
2. The type of convergence -- called by some a very slow "collision" -- that takes place between plates depends on the kind of lithosphere involved. Convergence can occur between what types of plates?
 - a) _____
 - b) _____
 - c) _____

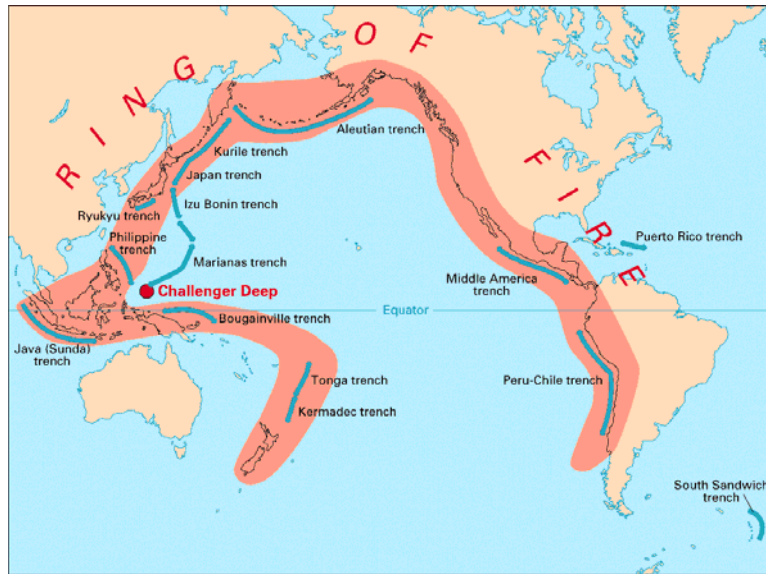
Scroll down to: Oceanic-continental convergence

3. Off the coast of South America along the Peru-Chile trench, the oceanic Nazca Plate is pushing into and being subducted under the continental part of the South American Plate creating what?
4. **Look at the diagram under the Oceanic-continental convergence information: Label diagram.**



Oceanic-continental convergence

Click on the [Ring of Fire](#) [76 k]



5. What is the ring of fire?
6. The Ring of fire results in frequent what?
7. The West coast of the United States has frequent volcanoes, use the ring of fire to explain why.

Part E: Plate Tectonics: Types of Boundaries: Convergent Boundaries continued

Scroll down to: Oceanic-Oceanic convergence

1. When two oceanic plates converge, one is usually subducted under the other what is formed?

Scroll down to: Continental-continental convergence

2. What mountain range demonstrates one of the most visible and spectacular consequences of plate tectonics?
3. What happens when two continents meet head-on, meet head-on and neither is subducted?

Look at the diagram under the *Continental-continental* information: Label diagram.

