Unit 3 B: Plate Interactions and Earthquakes

Vocabulary:

Plate:

Lithosphere:

Asthenosphere:

Convection Currents:

Convergent:

Divergent:

Transform:

Earthquake:

Focus:

Epicenter:

Fault Line:

S wave:

P wave:

Landslide:

Liquifaction:

Tsunami:

Mercalli Scale:

Richter Scale:

Plates and plate interactions

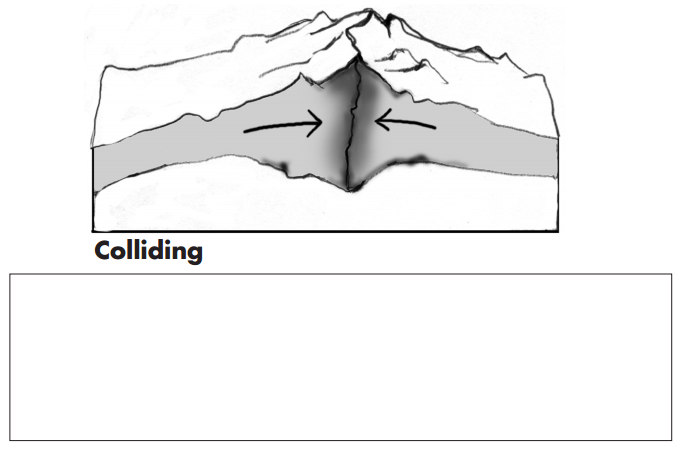
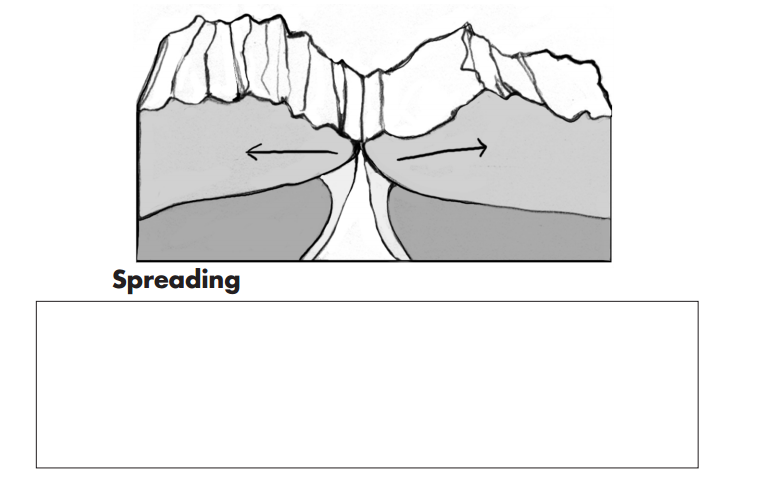
1. On the below picture mark with an x which layer makes up plates.
2. On the below picture mark with a y which layer is responsible for the movement of plates.

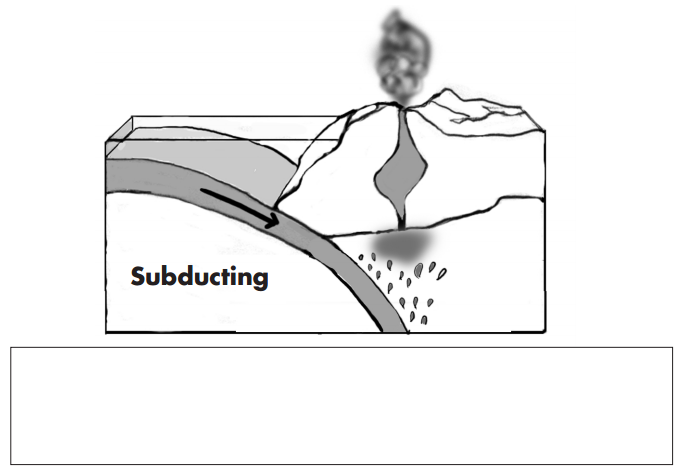
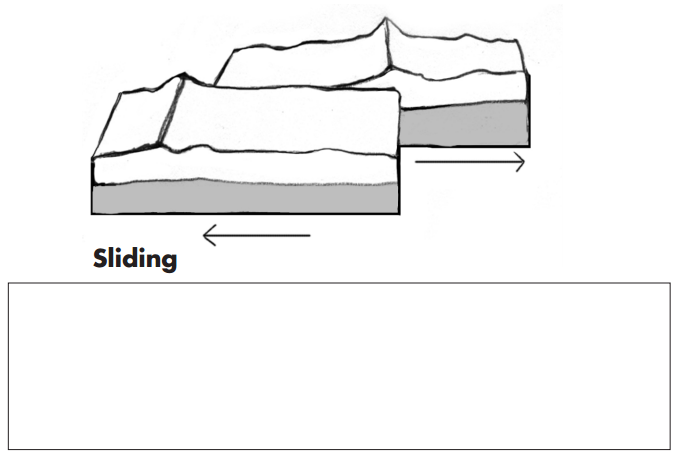


1. What are convection currents and how do they aid in the movement of plates? Draw a picture of the motion of convection currents.

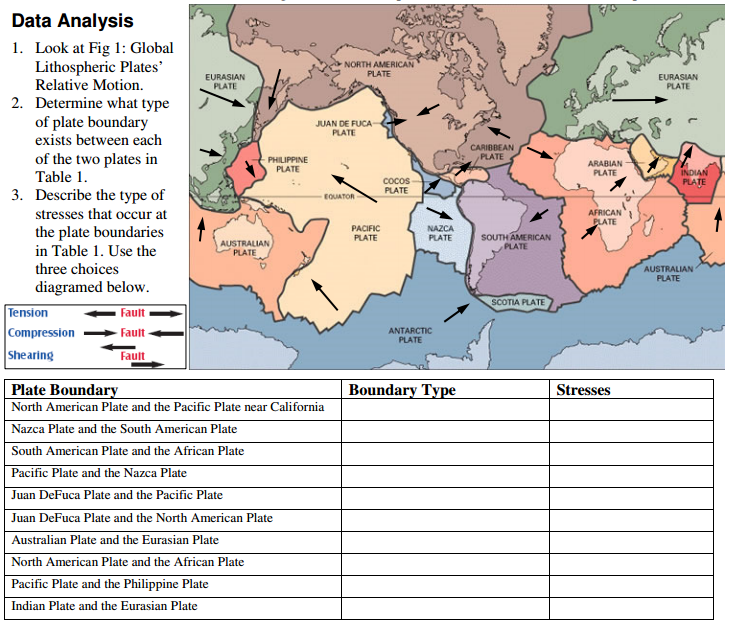
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Convection Current picture:

1. For each of the pictures below state which plate interaction is occurring **(convergent, divergent, transform)** and **what is the result of this plate interaction**. 

1. Complete the Table based upon the data analysis questions.



Earthquakes

Label the following parts (focus, epicenter, and fault) in the picture below:

