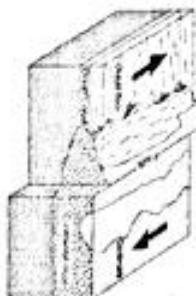
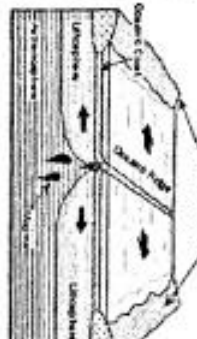
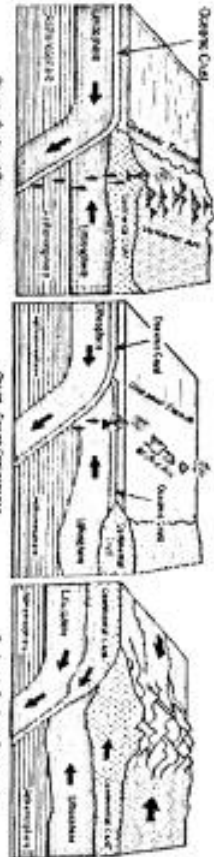


Name: \_\_\_\_\_

**Dynamic Earth Study Guide**

Class Period: \_\_\_\_\_

<p><u>Transform</u> Boundary The boundary between two tectonic plates that are <u>moving past</u> each other laterally</p> 	<p><u>Divergent</u> Boundary The boundary between two tectonic plates that are <u>moving away</u> from each other.</p> 	<p><u>Convergent</u> Boundary The boundary between two tectonic plates that <u>colliding</u> or <u>subducting</u> (move under) the other.</p>  <p><u>Continental - oceanic</u>: more dense <u>oceanic</u> crust <u>subducts</u> under continental crust. <u>Oceanic - oceanic</u>: more <u>dense</u> (older) crust <u>subducts</u> under the less dense (<u>younger</u>) crust. <u>Continental - continental</u>: more <u>dense</u> (older) crust <u>subducts</u> under the less dense (<u>younger</u>) crust.</p> <p>What is formed: Continental - oceanic: <u>earthquake, volcanic track</u> Oceanic - oceanic: <u>earthquake, volcano (island track)</u> Continental - continental: <u>earthquake, mountains</u></p> <p>Where is it located: Continental - oceanic: <u>Wt. Saint Helens</u> Oceanic - oceanic: Continental - continental: <u>At Himalayas</u></p>
<p>What is formed: <u>earthquake</u></p> <p>Where is one located: <u>San Andreas</u></p>	<p>What is formed: On land: <u>rift valley</u> In ocean: <u>sea-floor spreading</u></p> <p>Where is one located: <u>Ice Land</u> <u>Mid-Ocean Ridge</u></p>	<p>What is the Ring of Fire and why did it earn that nickname? <u>another plate boundary of Pacific plate that collides with</u></p>