

Print Chart

# PLATE BOUNDARY CLASSIFICATION CHART

Student Name:

Date:

<b>BOUNDARY TYPE</b>	<b>MOTION</b>	<b>TOPOGRAPHIC FEATURES</b>	<b>GLOBAL EXAMPLES</b>
<b>Divergent (Oceanic)</b>	<i>Spreading</i>	Mid-ocean ridges, central rift valleys, transform faults.	Mid-Atlantic Ridge, East Pacific Rise.
<b>Divergent (Continental)</b>	<i>Rifting</i>	Rift valleys, linear lakes, volcanic activity.	East African Rift Valley, Red Sea.
<b>Convergent (Ocean-Ocean)</b>	<i>Subduction</i>	Deep ocean trenches, volcanic island arcs.	Mariana Trench, Aleutian Islands.
<b>Convergent (Ocean-Cont)</b>	<i>Subduction</i>	Trenches, continental volcanic arcs, mountains.	Andes Mountains, Cascade Range.
<b>Convergent (Cont-Cont)</b>	<i>Collision</i>	Folded high mountain ranges, plateaus.	Himalayas, Tibetan Plateau.

<b>BOUNDARY TYPE</b>	<b>MOTION</b>	<b>TOPOGRAPHIC FEATURES</b>	<b>GLOBAL EXAMPLES</b>
<b>Transform</b>	<i>Lateral Sliding</i>	Fault lines, offset structures, earthquakes.	San Andreas Fault, Alpine Fault (NZ).