

Plate Boundaries

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Type of Boundary	Sketch of Boundary	Features of Plate Boundary	Examples
<p>Convergent Plate Boundaries - plates move together. Crest is destroyed.</p>			
<p>1. continental-continental</p>		<ul style="list-style-type: none"> • neither plate is dense enough to subduct under the other ↳ tallest mountains • folds in rock layers • large earthquakes 	<ul style="list-style-type: none"> • Himalayas • Everest • Alps • Matterhorn
<p>2. oceanic-oceanic</p>		<ul style="list-style-type: none"> • denser crust subducts under the other - subduction zone • forms deepest trenches • volcanic island arcs (island chain) 	<ul style="list-style-type: none"> • Mariana Trench • Japan Trench • Aleutian Island
<p>3. oceanic-continental</p>		<ul style="list-style-type: none"> • the thinner oceanic crust subducts and recycles - subduction zone • ocean trenches just off shore of the continent • Coastal volcanic mountains 	<ul style="list-style-type: none"> • Cascade mountains • Mt. St. Helens • Andes mountains