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# Natural Hazards Plate Margins



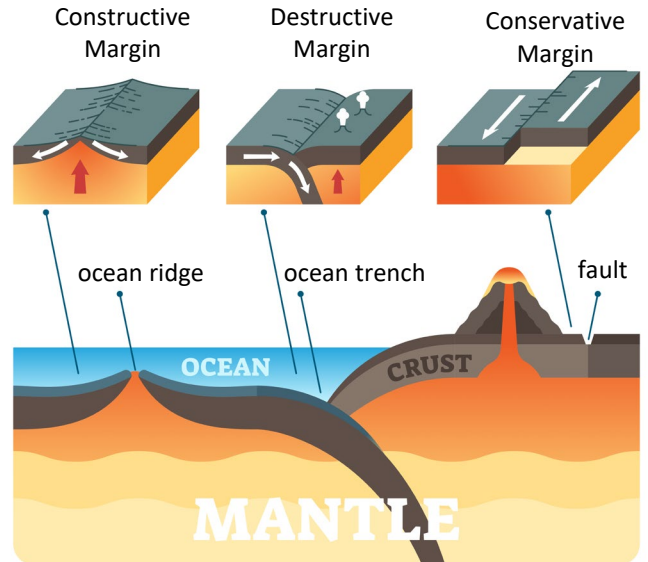
quiz



## The Big Picture



## Plate Margins



## Key Terms

- Conservative margin** – Where two tectonic plates move past each other.
- Constructive margin** – Where two tectonic plates move apart.
- Destructive margin** – Where a continental plate is subducted by an oceanic plate.
- Fold mountains** – Mountains formed from the folding of the Earth's crust.
- Ocean trench** - Long, narrow depression on the seafloor where oceanic crust is forced under continental crust.
- Rift valley** – A steep sided valley formed where two tectonic plates move apart.
- Shield volcano** – A wide, low volcano that erupts basic, runny lava.
- Subduction zone** – An area where oceanic crust is travels under a continental plate at a destructive margin.

### Destructive Margin

Crust: Oceanic and continental  
 Landforms: Fold mountains, ocean trench and composite volcanoes  
 Hazards: Earthquakes and volcanoes

### Constructive Margin

Crust: Oceanic & oceanic / continental & continental  
 Landforms: ocean ridge / rift valley, shield volcanoes  
 Hazards: Earthquakes and volcanoes

### Conservative Margin

Crust: Both  
 Landforms: Faults  
 Hazards: Earthquakes



## Tectonic Plates

