**Divergent Boundary**--Example-Atlantic Ocean mid-ocean ridge

Plates Motion-plates move apart

Fault-normal fault

Force-tension

**Convergent Boundary**

Plates Motion-

* An ocean plate sinks under a continental plate.
* One ocean plate sinks under another ocean plate at a subduction zone—island arcs are formed
* Two continental plates collide and crumple up, forming mountain ranges.

Fault-reverse fault

Force-compression

Example-Nazca plate colliding with the South American plate. (ocean plate sinking under a continental plate)

**Transform Boundary**

Plates Motion-two plates slide past one another in opposite directions or in the same direction at different speeds

Fault-strike-slip fault

Force-shearing or shear

Example-San Andreas fault in California