

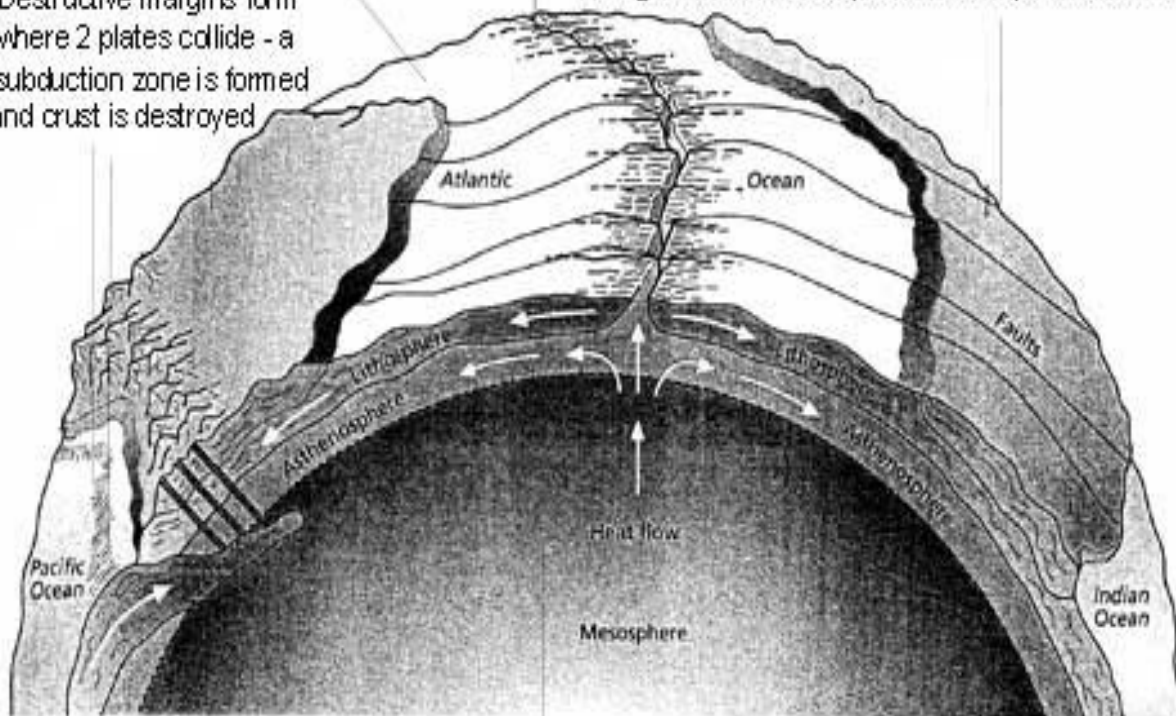
THE THEORY OF PLATE TECTONICS

1. The Lithosphere is broken into about a dozen plates

4. Constructive Margins - where two plates separate and move in opposite directions - new lithosphere forms as magma rises.

5. Destructive margins form where 2 plates collide - a subduction zone is formed and crust is destroyed

2 The plates move as a distinctive unit riding on the asthenosphere below (which is in motion)



3. The plates move due to convection currents in the asthenosphere that are driven by internal heat