**Plate Boundaries Guided Notes**

**Why do plates move?**

* Mantle \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ - cold dense plates sink and pull the rest of the plate down at a trench
* \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ - plates are pushed due to the force of gravity at a ridge

**What is a plate boundary?**

* A plate boundary is the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ between two plates

**Divergent Boundaries – CREATE LITHOSPHERE!**

* Plates \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_ and mantle material fills gaps
	+ \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_: new mantle material rises and elevates the seafloor
	+ \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_: deep faults where continental plates pull apart
	+ Continental Rifts: landmass splits into two \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_

**Transform Fault Boundaries – NEITHER CREATE NOR DESTROY LITHOSPHERE!**

* Plates \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ each other without destroying or creating lithosphere
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_!

**Convergent Plate Boundaries – DESTROY LITHOSPHERE**

* A boundary in which two plates \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_
	+ Oceanic-continental boundaries create \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	+ Continental-continental boundaries create \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Plate Boundary** | **What happens?** | **Create or Destroy Lithosphere?** | **What landforms are created?** | **Draw it!** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |