

DIVERGENT PLATE BOUNDARIES

NAME

* Where plates are moving apart, the boundary is called DI . Along most of these boundaries are found ocean R where magma is UPW and forming new PL at the surface, pushing the existing oceanic plates AP .

* **Locate** all divergent plate boundaries on the map below.



* **Now draw a cross-section of a divergent plate boundary, labelling clearly all the following features & processes. Drag labels below & create any others with text boxes.**

- Upwelling magma
- Volcanoes
- Oceanic crust
- Oceanic Ridge
- Rift Valley
- Mantle - molten rock
- Spreading centre
- Plates move apart at rate of..
- Crust formed by older rocks away from ridge

Cross-section of a Divergent plate boundary eg:-