**Divergent vs. Convergent   
Plate Boundaries Venn-Diagram**

Name:

Compare and contrast divergent and convergent plate boundaries. Place the number corresponding to the list of characteristics below in the most suitable locations on the diagram

1. Associated with rift valleys (ex: East African Rift Valley)
2. Creation of oceanic crust
3. Ring of Fire
4. Causes continents to combine
5. Continental mountain formation
6. Associated with ridge push
7. Chains of volcanic islands form (island arcs)
8. Continental lithosphere on one side of plate boundary, oceanic lithosphere on the other
9. Associated with mid-oceanic ridges
10. Example: Boundary between Nazca and Pacific plates
11. Deep earthquakes may occur
12. Associated with oceanic trenches
13. Rocks on either side of boundary are the same age
14. Buoyant magma chambers
15. Rocks on either side of boundary are typically much different ages
16. Example: Nazca and South American plate boundary
17. Associated rock deformation and crust destruction
18. Magnetic symmetry and isochron maps
19. Oceanic lithosphere may be present on both sides of the plate boundary
20. Only young ocean lithosphere present
21. Plate move away from each other
22. Associated with slab pull
23. Shallow earthquakes may occur
24. Submarine mountain ranges (ex: Mid-Atlantic Ridge)
25. Plate move toward each other
26. Volcanic activity
27. Magma rises to surface at or near the boundary
28. Affected by mantle convection currents
29. Causes continents to divide

Divergent Boundary

Convergent Boundary