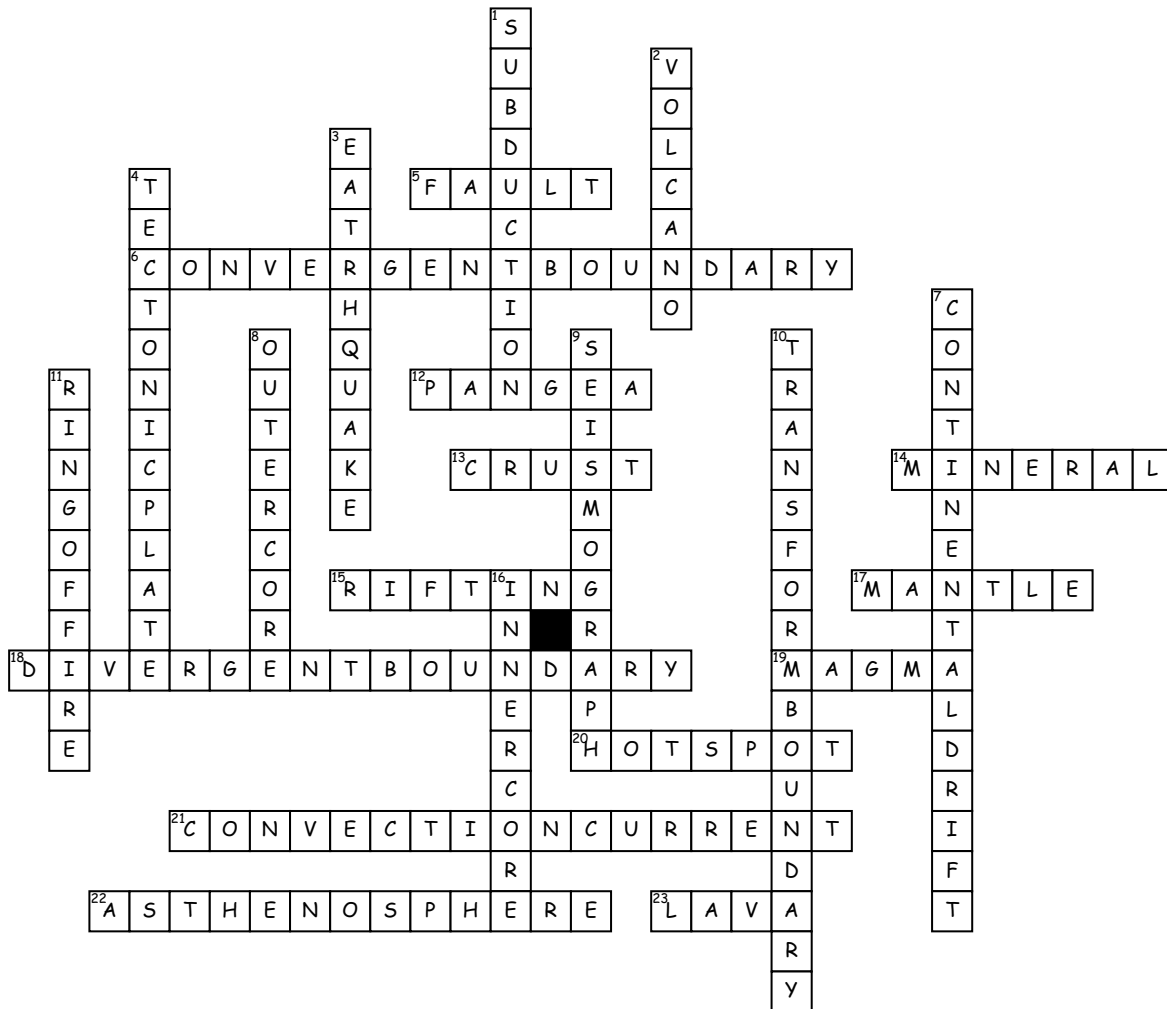


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# plate tectonics



## Across

5. a break or crack in earths crust  
 6. boundary between between two colliding plates (two words)  
 12. a super continent that existed during the late Paleozoic and early Mesozoic eras  
 13. outermolst layer of the Earth  
 14. a solid inorganic substance occuring in nature  
 15. the process by which magma fills the gap between two plates that are moving apart  
 17. layer between the crust and core  
 18. boundary between two plates moving away from each other (two words)

19. molten rock in the earths crust

20. an area where magma from deep within the mantle melts through the crust above it

21. the path way along which energy travels through a current (two words)

22. soft layer of the mantle

23. magma that flows out onto Earth's surface froma volcano

## Down

1. process that takes place at convergent boundaries whenone tectonic plate sinks into themantle as the plates converge

2. a fissure in Earths crust through which gases erupt

3. a shakling movement of Earth's surface cause by the release of stored energy along a fault

4. piece of the lithosphere that moves on the asthenosphere (two words)

7. theory that continents drift apart (two words)

8. liquid layer of earths core (two words)

9. an instrument that measures and records details of earthquakes

10. boundary between two plates sliding paste each other (two words)

11. a major belyt of volcanoes that rims the pacific ocean

16. solid, dense center of the Earth