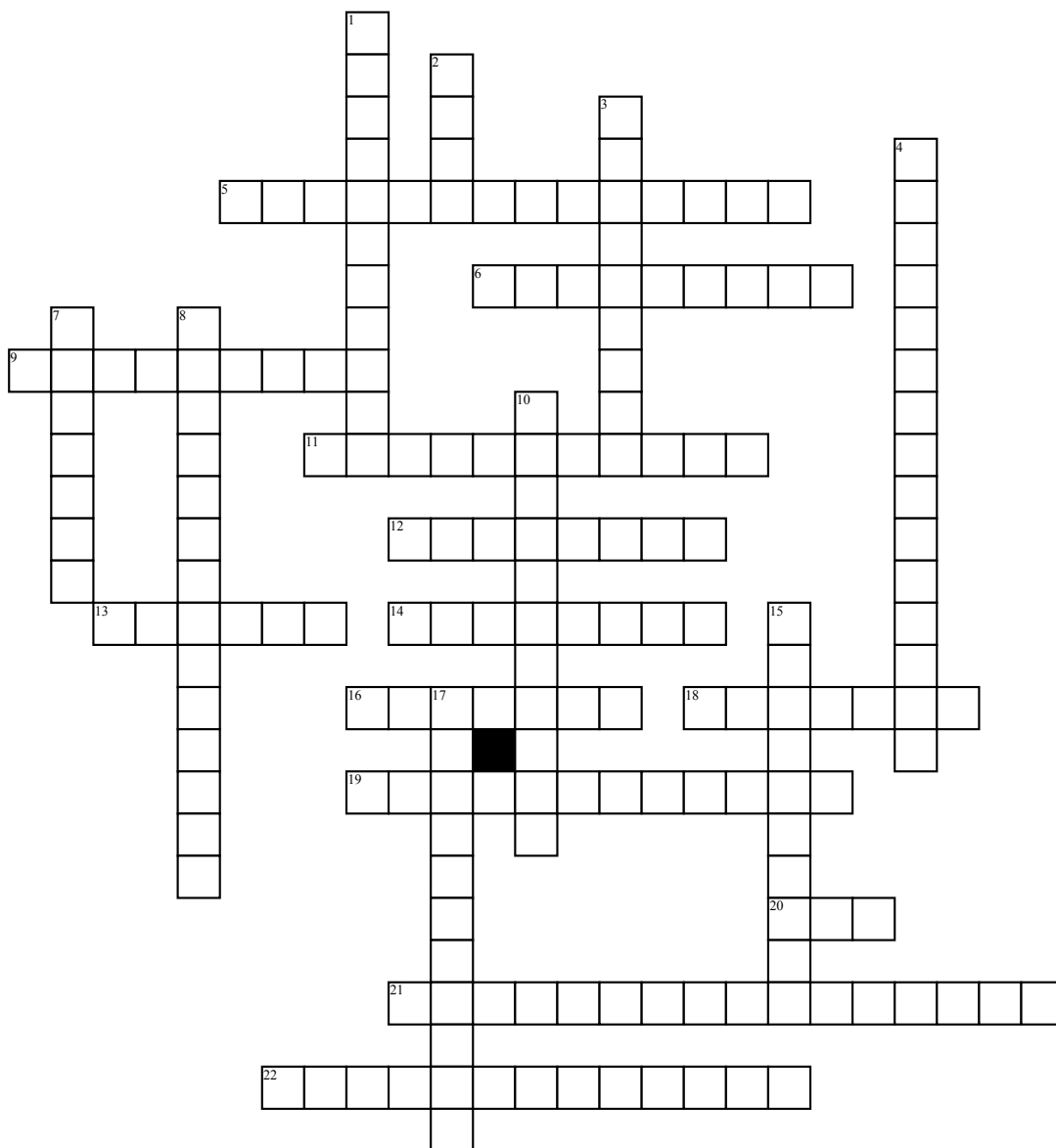


Name: _____ Date: _____ Period: _____

Plate Tectonics, Volcanoes, Earthquakes



Across

5. Divergent boundaries where new crust is being formed
6. The process of sea-floor spreading happens along this boundary
9. Built up from both ash and lava and are the biggest and most destructive
11. The instrument that measures earthquakes waves
12. Areas where either oceanic or continental crust is being formed at divergent boundaries
13. The largest layer of the Earth
14. Giant destructive waves created by earthquakes in the ocean
16. This plate is thin and more dense

18. This is the name of the supercontinent that used to be one land mass

19. The most damaging of the 3 waves is _____

20. The subduction zone at a convergent boundary is a place where this crust is recycled

21. When magnetic poles switch this is called _____

22. The scientist that came up with Continental Drift

Down

1. The crust and uppermost part of the mantle make up the _____

2. Where does the heat come from that drives this convection current in the mantle?

3. Is the point on the surface directly above the focus of an earthquake

4. A convergent plate boundary where oceanic crust moves under the continental crust and the crust is destroyed

7. A weak spot in Earth's crust where molten material rises

8. This will form when two continental plates collide

10. This plate is thicker and less dense

15. Built from falling ash "cinders"

17. Sudden movement of plates. Usually along plate boundaries