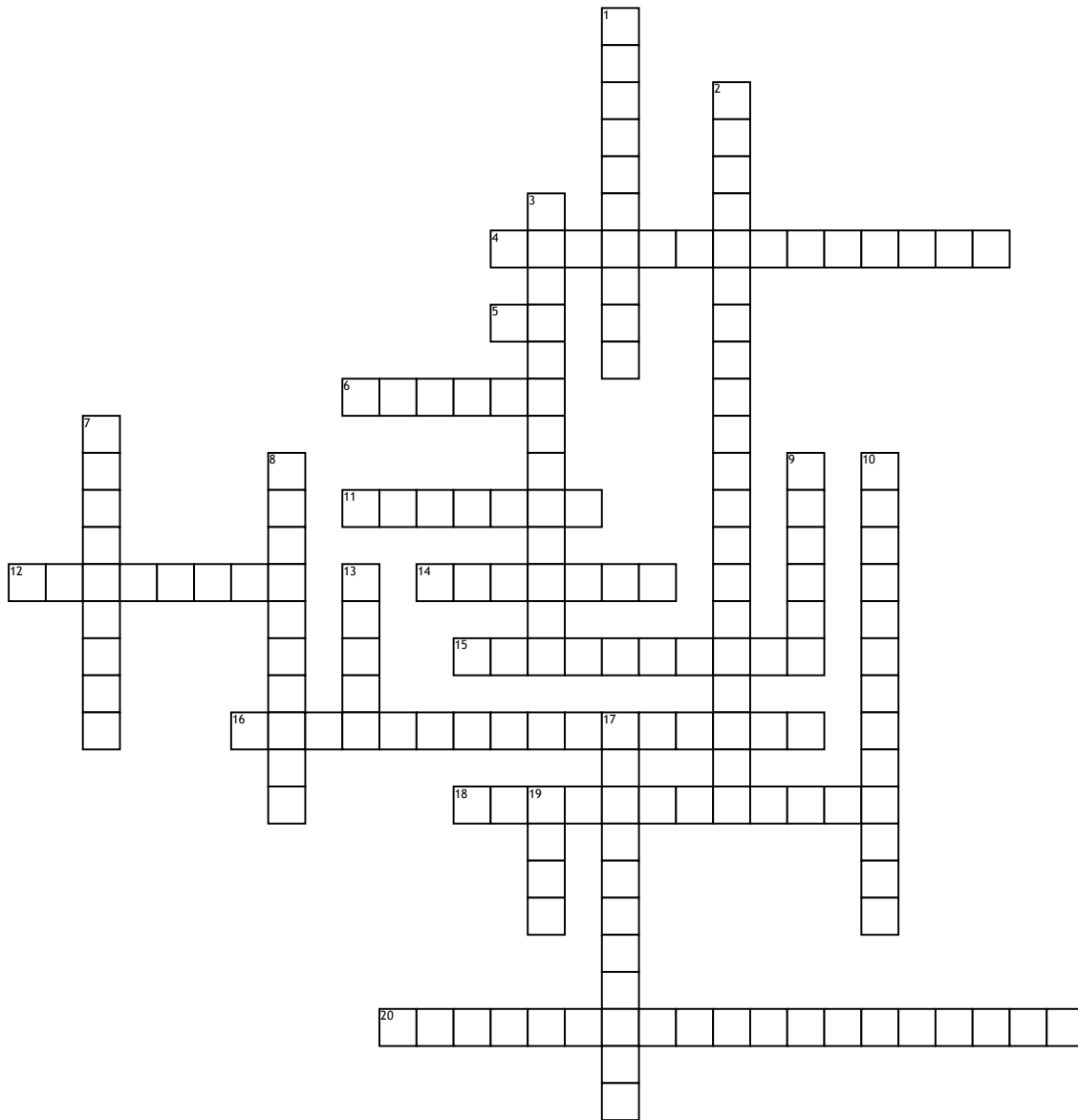


Name: \_\_\_\_\_

# plate tectonics



## Across

- 4. the theory on how the earth's crust was formed
- 5. earliest known landmass
- 6. area of land smaller than a continent
- 11. the study of the history, structure, and natural processes of planet earth.
- 12. where volcanoes are formed
- 14. a large wave on the ocean caused by plate tectonics
- 15. a violent shaking of the ground
- 16. idea of moving continents

18. what do you use to measure earthquakes

20. where plates move away from each other

## Down

- 1. when one plate goes under another
- 2. where plates move toward each other
- 3. who discovered plate tectonics
- 7. a crack in the earth's crust where plates move

8. The study of seismic waves, waves that travel through earth as a result of an earthquake or other disturbance.

9. part of the earth between the core and crust

10. one of the most important natural boundaries on the Earth's solid surface, that between two lithospheric plates.

13. outer layer of the earth

17. upper part of the mantle

19. One of earth's structural layers- a solid sphere of hot metal, mostly iron, at the center of earth.