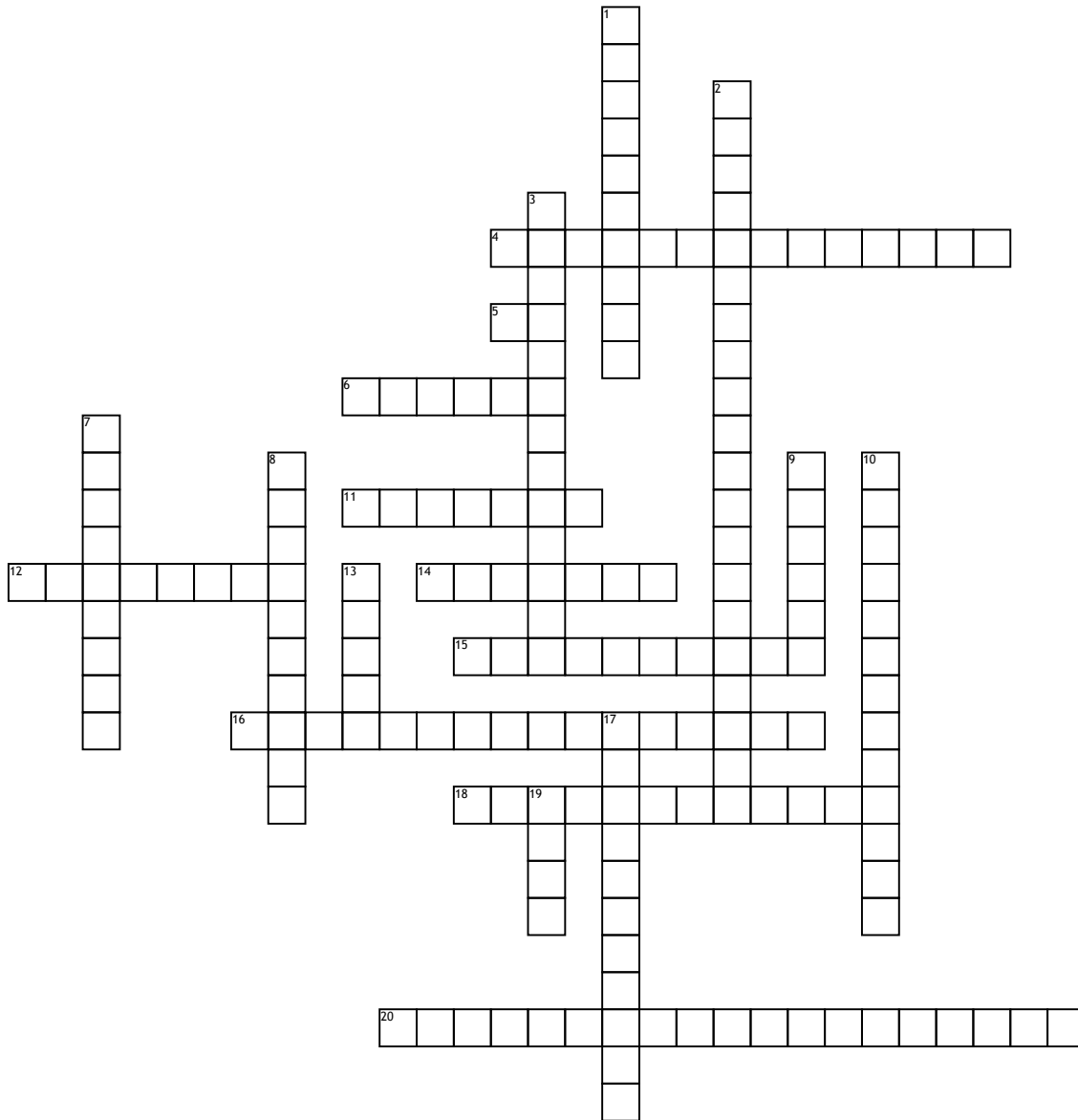


Name: \_\_\_\_\_

# 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.