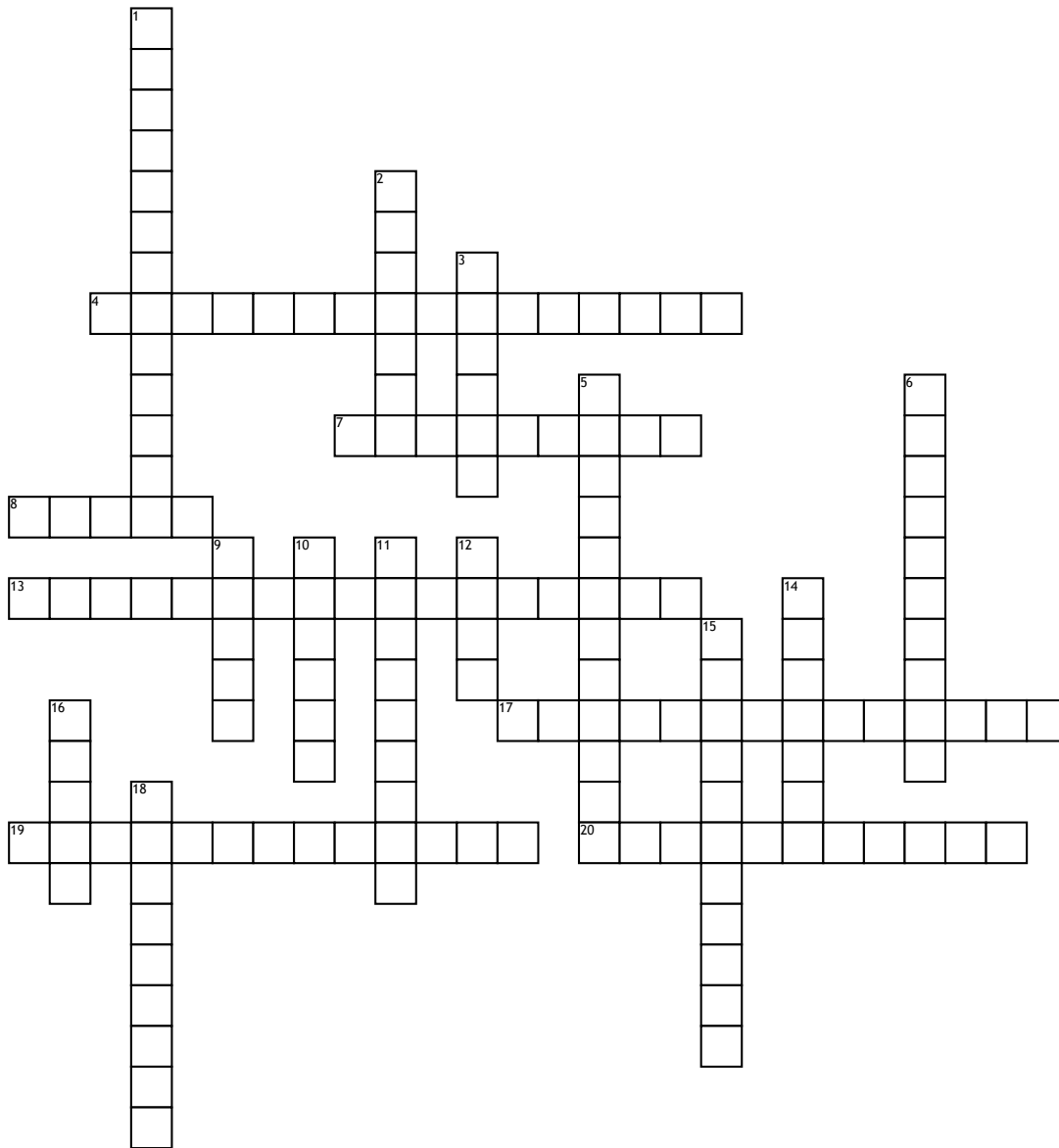


plate tectonics



Across

4. plate tectonics is another way of saying
7. the movement of two plates that move away from each other
8. earths outermost layer
13. magma below earths crust is forced up to the surface and fills in the cracks as the sea floor spreads
17. the theory explaining the structure of earths crust
19. scientist who believed the plates were moving
20. device used to record surface waves when an earthquake occurs

Down

1. scientists who studies earthquakes and siesmic waves
2. seismic wave caused by an earthquake focus
3. continents connected together that broke apart
5. energy waves
6. the movement of two plates that were toward each other
9. during an earthquake the point when the energy is released
10. depression around a volcanoes vent

11. point of earths surface directly above an earthquakes focus
12. opening on earths surface where magma is forced up and flows out as lava
14. opening in earths surface that usually forms a mountain when layers of hot lava erupt and build up
15. rigid outer layers of earth
16. surface along which rocks break and move
18. the movement of two plates that slide past each other