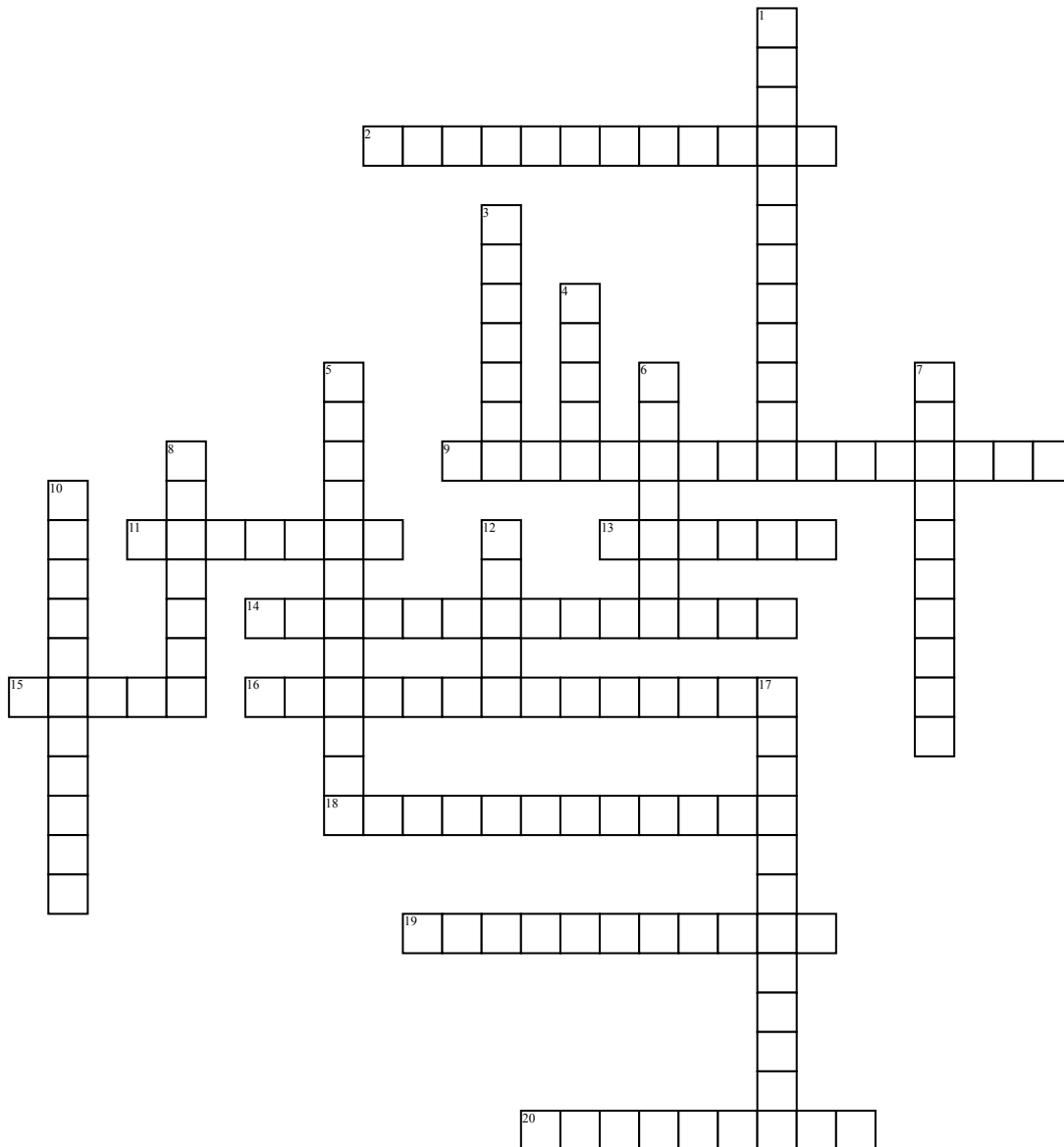


Name: _____

Date: _____

PLATE TECTONICS



Across

2. waves that travel outward from an Earthquake's focus and cause particles in rocks to move back and forth in the same direction the wave is moving
9. theory that continents drift apart
11. powerful seismic sea wave that can travel thousands of kilometers in all directions and that begins over an earthquake focus
13. layer between the crust and the core
14. waves that travel outward from an earthquake's focus and move through Earth by causing particles in rocks to vibrate at right angles to the direction of the wave
15. in an earthquake, the point beneath Earth's surface where energy release occurs
16. theory that Earth's crust and upper mantle are broken into sections that move around on a plastic-like layer of the mantle

18. waves of energy that reach Earth's surface during an earthquake, travel outward from the epicenter, and move rock particles up and down, and side to side
19. break in rock due to tension forces, where rock above the fault surface moves downward in relation to rock below the fault surface
20. point of Earth's surface directly above an earthquake's focus

Down

1. break in rock due to compression forces, where rocks above the fault surface move upward and over the rocks below the fault surface
3. opening in Earth's surface that often forms a mountain when layers of lava and volcanic ash erupt and build up
4. outermost layer of the earth

5. energy waves that are produced at and travel outward from the earthquake's focus
6. single large landmass made up of all the continents connected together that broke apart 200 million years ago
7. vibrations caused by breaking rocks along faults
8. remains or traces of a once living organism reserved by rock
10. device used by seismologists to record primary, secondary, surface waves from earthquakes
12. surface along which rocks break and move
17. scientist who studies earthquakes and seismic waves