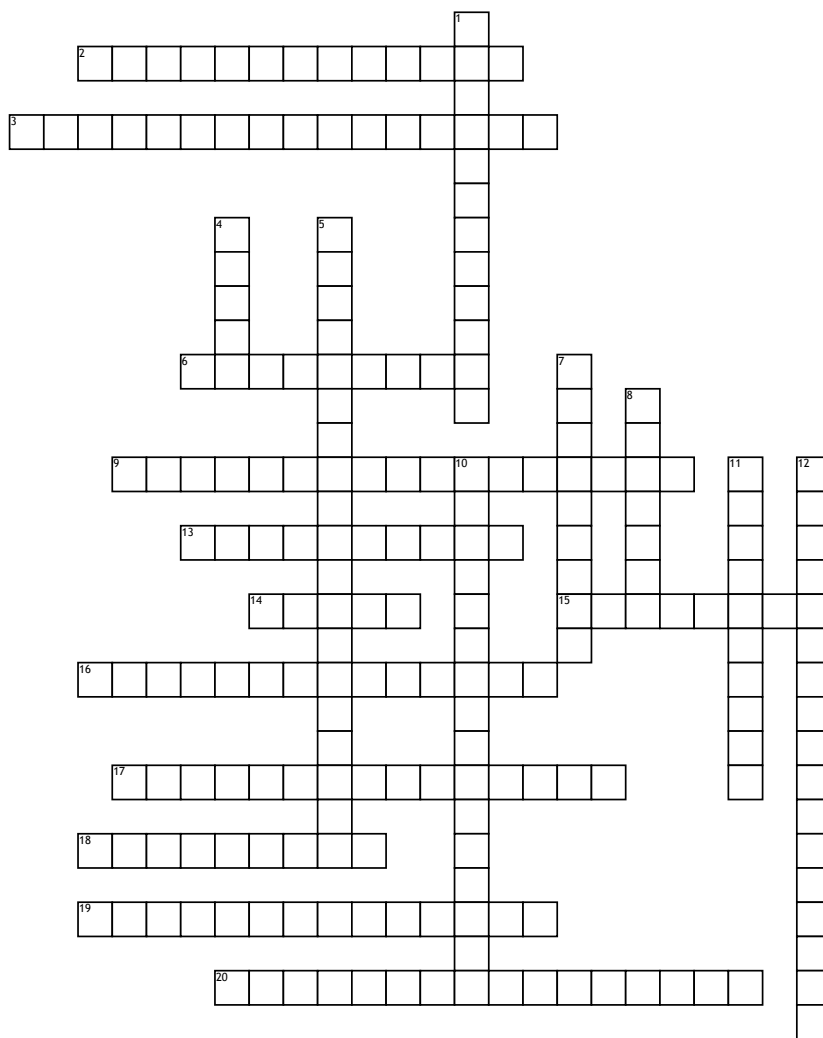


Name: _____ Date: _____

Tectonic Plate Crossword



Across

2. hypothesized continental drift
3. poles switch direction
6. meteoroid that hit Earth
9. movement of a fluid in mantle
13. area where no seismic waves are detected
14. primary; travel through all states of matter
15. pulling of a plate

16. lithosphere, mesosphere, asthenosphere, outer core, inner core
17. gravity pulls high density materials towards the center
18. gravity moving plate downward
19. solid chunks of mantle rock
20. breakdown of unstable materials into stable materials

Down

1. vibrations traveling through Earth

4. secondary; travel through solids
5. crust, mantle, core
7. discovered sea floor spreading
8. supercontinent
10. continents used to be one land mass
11. oceanic crust sinks
12. new oceanic lithosphere forms

Word Bank

shadow zone	meteorite	convection current	Alfred Wegener
subduction	Pangaea	physical layers	radioactive decay
s wave	p wave	differentiation	mantle xenolith
Harry Hess	seismic waves	ridge push	compositional layers
sea floor spreading	continental drift	magnetic reversal	slab pull