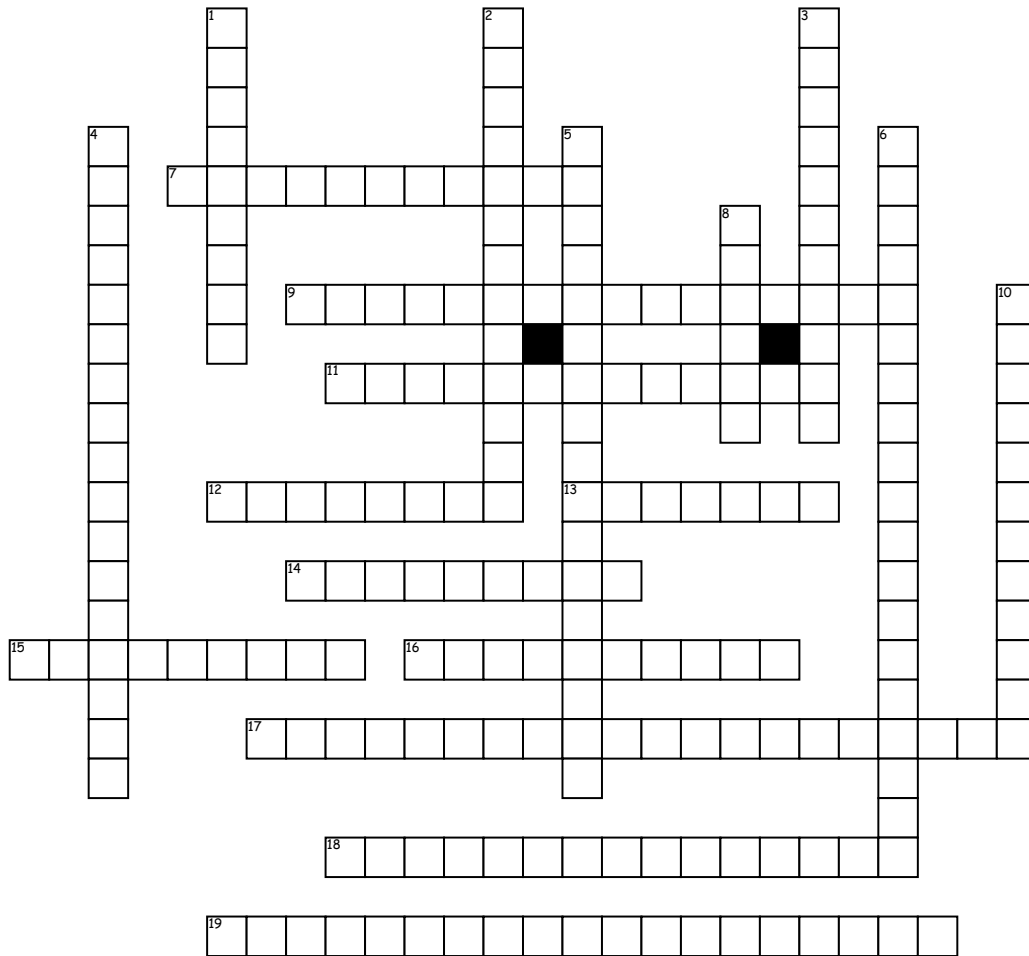


Name: _____

Date: _____

Tectonic Plates



Across

7. rigid layer of Earth's crust and a part of the upper mantle
 9. where two plates slide past one another at transform boundaries
 11. plasticlike layer of Earth on which the lithospheric plates float and move around
 12. portion of the Earth's crust that lies beneath the ocean floor
 13. all land
 14. Similar rock structures were found in different continents
 15. hot, less dense material below Earth's crust rises toward the surface at the mid ocean ridge seafloor

16. Boundaries form mountains, volcanoes, and trenches

17. plates that come together or collide into each other converge

18. can form where two oceanic plates collide

19. plates that move apart from each other or diverge

Down

1. seven great land masses on the globe

2. the man who was thought to be crazy for creating the plate tectonic theory and that all continents were once connected

3. fossils of the same species were found on different continents

4. Current in Earth's mantle that transfers heat in earth's interior and is the driving force for plate tectonics

5. hot, less dense material below Earth's crust rises toward the surface at the mid ocean ridge seafloor

6. plates that slide past each other

8. move on a plastic like layer of the mantle

10. Glacier deposits were found on continents that no longer have glaciers

Word Bank

divergent boundaries
 continent
 convergent boundaries
 transform boundaries
 convection current

strike-slip faults
 pangea
 climate clues
 seafloor
 subduction zones

boundaries
 Alfred Wegener
 rock clues
 seafloor spreading
 asthenosphere

lithosphere
 plates
 fossil clues
 spreading