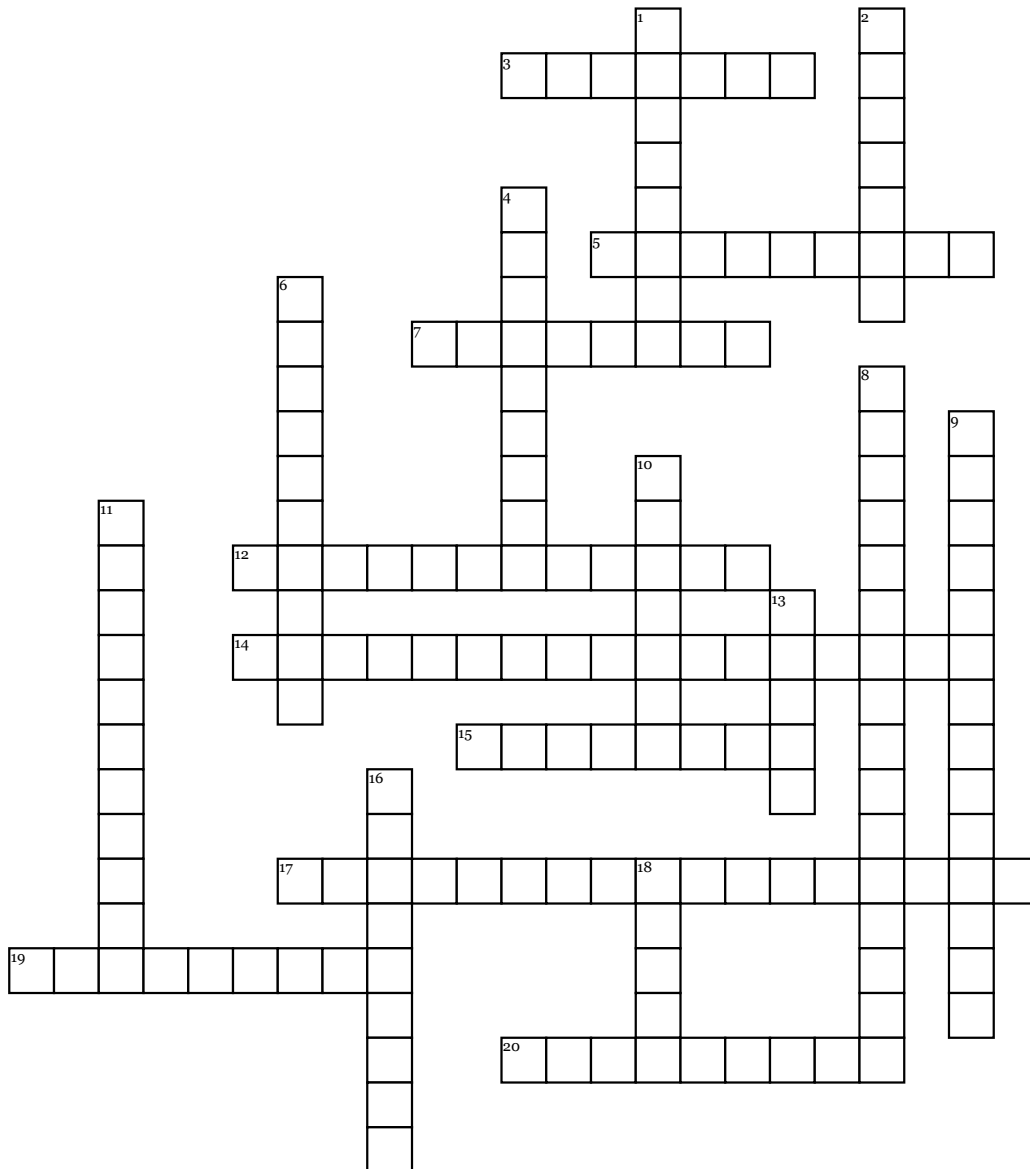


Name: _____

Date: _____

Plate Tectonics



Across

3. to move apart
 5. Seven great landmasses on the globe.
 7. to come together.
 12. plasticlike layer of Earth on which the lithospheric plates float and move around
 14. current in Earth's mantle that transfers heat in earth's interior and is the driving force for plate tectonics
 15. subduction creates deep ocean _____(s)

17. Hot, less dense material below Earth's crust rises toward the surface at the mid-ocean ridge
 19. _____ are created by subduction

20. oceanic plates separate when this boundary occurs

Down

1. portion of the Earth's crust that lies beneath the ocean floor
 2. All land.
 4. convergent plates come together to form _____(s).
 6. _____ happens when continental and oceanic plates meet

8. Continents moving slowly to their current location.
 9. Earth's crust and part of the upper mantle are broken into sections
 10. more dense/younger type of plate
 11. less dense/older type of plate
 13. oceanic plates separate and form new oceanic _____.
 16. can create earthquakes
 18. when plates _____ against one another it's called a transform boundary