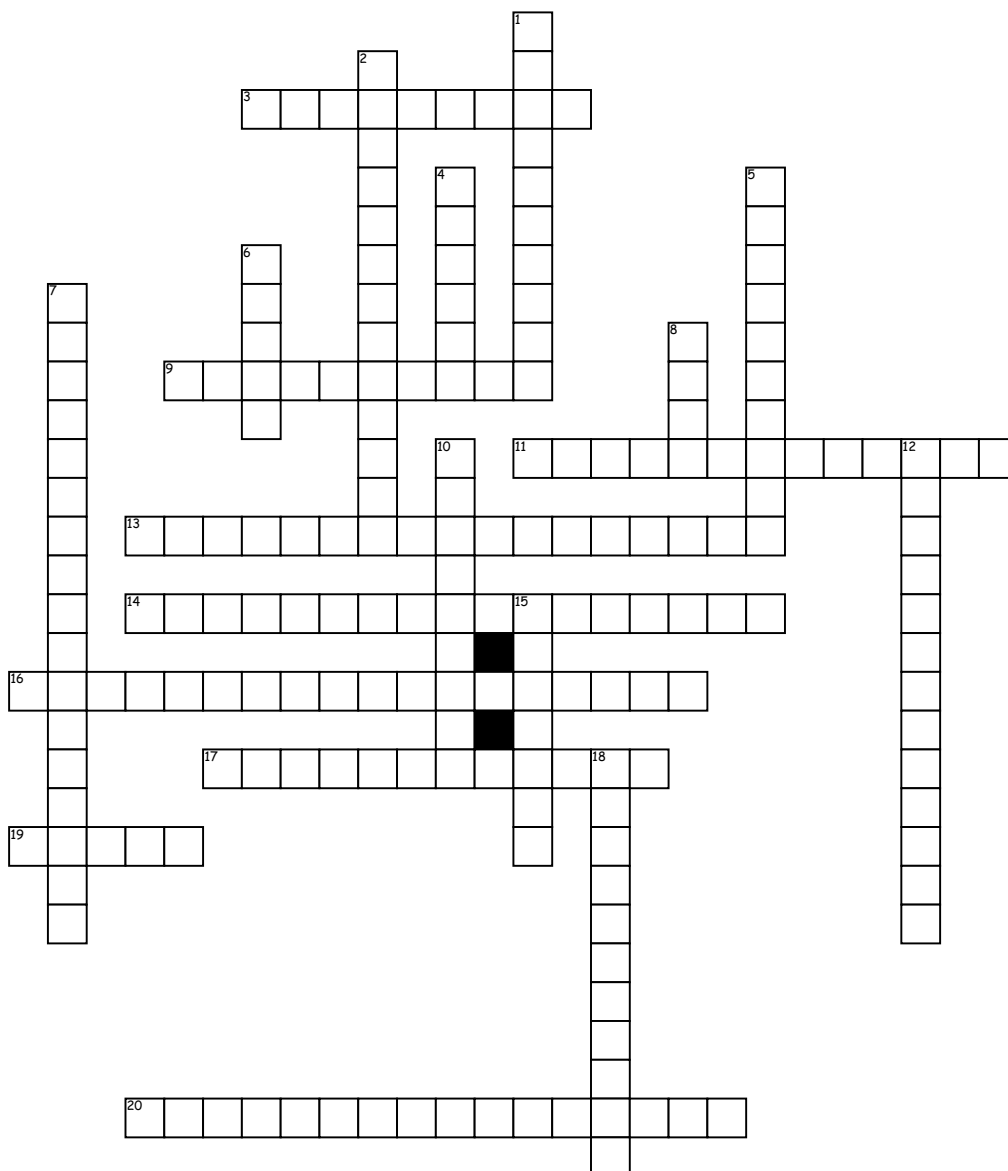


Name: _____ Date: _____ Period: _____

SERVING UP SOME PLATE TECTONICS



Across

3. Solid, inner layer of the core
 9. Solid layer of the mantle
 11. A place where tectonic plates touch
 13. Two tectonic plates separate
 14. The process by which new oceanic lithosphere forms as magma rises toward the surface and solidifies
 16. Two tectonic plates collide
 17. Fault when rocks are pushed together
 19. A break in rock that is due to stress

20. The hypothesis that states that the continents once formed a single landmass, broke up and drifted to their present day location

Down

1. A sudden, violent shaking of the earth caused by shifting of the earth's crust
 2. Pieces of Lithosphere that move around on top of the Asthenosphere
 4. The layer of rock between the earth's
 5. The study of earthquakes

6. The thin and solid outermost layer of the earth
 7. Two tectonic plates slide past each other horizontally
 8. The center part of the earth
 10. Liquid, outer layer of the core. Produced the earth's magnetic field
 12. Soft layer of the mantle
 15. Continents as one single landmass
 18. The crust and upper mantle