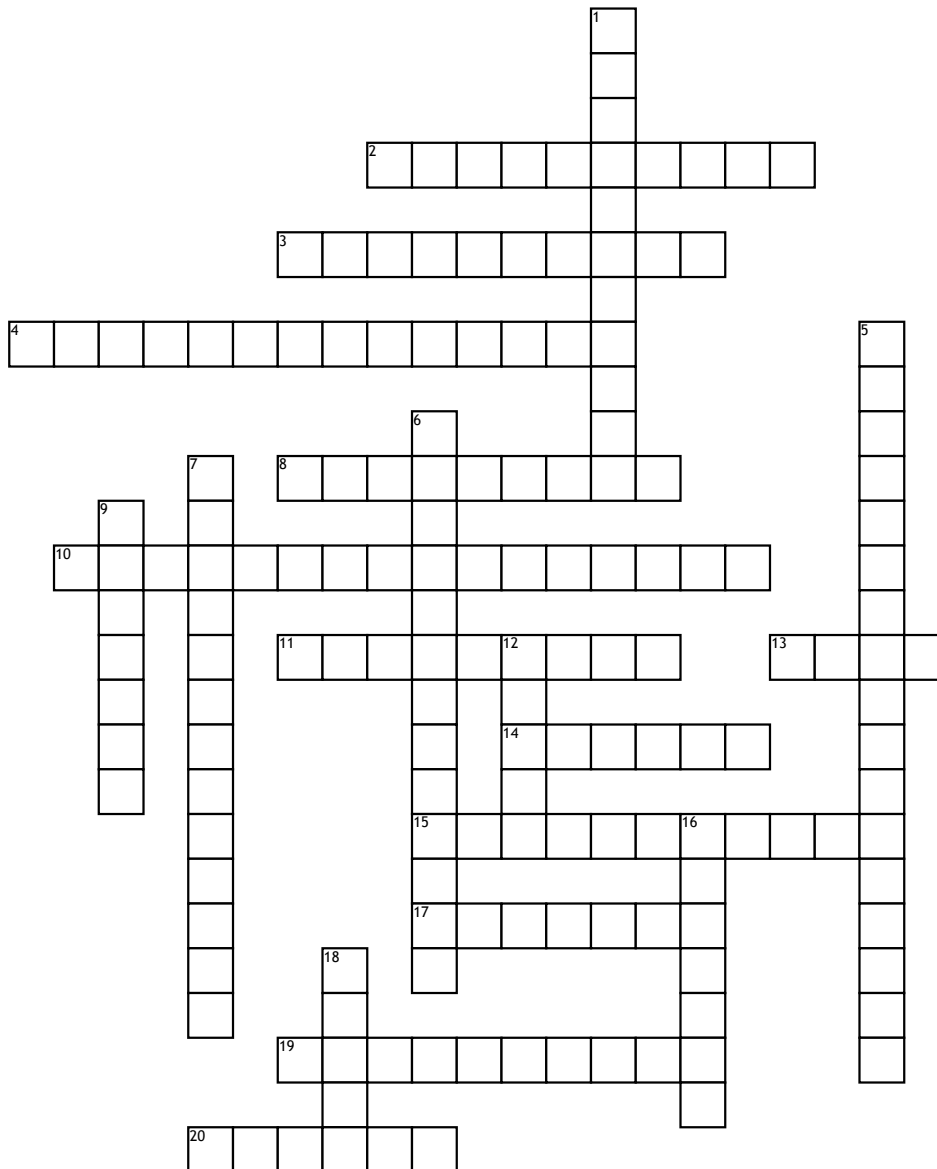


Name: _____

Date: _____

Plate Tectonics



Across

2. the strong, lower part of the mantle between the asthenosphere and the outer core
 3. the boundary formed by the collision of two lithosphere by the collision of two lithosphere plates
 4. the theory that explains how large pieces of the earth's outermost layer, called tectonic plates, move and change shape
 8. the boundary between two tectonic plates that are moving away from each other
 10. the hypothesis that states that the continents once formed a single land mass, broke up, and drifted to there present locations

11. the boundary between tectonic plates that are sliding past each other horizontally
 13. the central part of the earth below the mantle
 14. the rising of regions of the earth's crust to higher elevations
 15. the solid, outer layer of the earth that consists of the crust and the rigid upper part of the mantle
 17. stress that occurs when forces act to stretch an object
 19. the sinking of regions of the earth's crust to layer elevations
 20. the layer of rock between the earth's crust and core

Down

1. stress that occurs when forces act to squeeze an object

5. the process by which new oceanic lithosphere forms as magma rises toward the surface and solidifies
 6. a block of lithosphere that consists of the crust and the rigid, outermost part of the mantle
 7. the soft layer of the mantle on which the tectonic plate moves
 9. the bending of rock layers due to stress
 12. a break in a body of rock along which one block slides relative to another
 16. the idea when all continents were all joined together
 18. the thin and solid outermost layer of the earth above the mantle