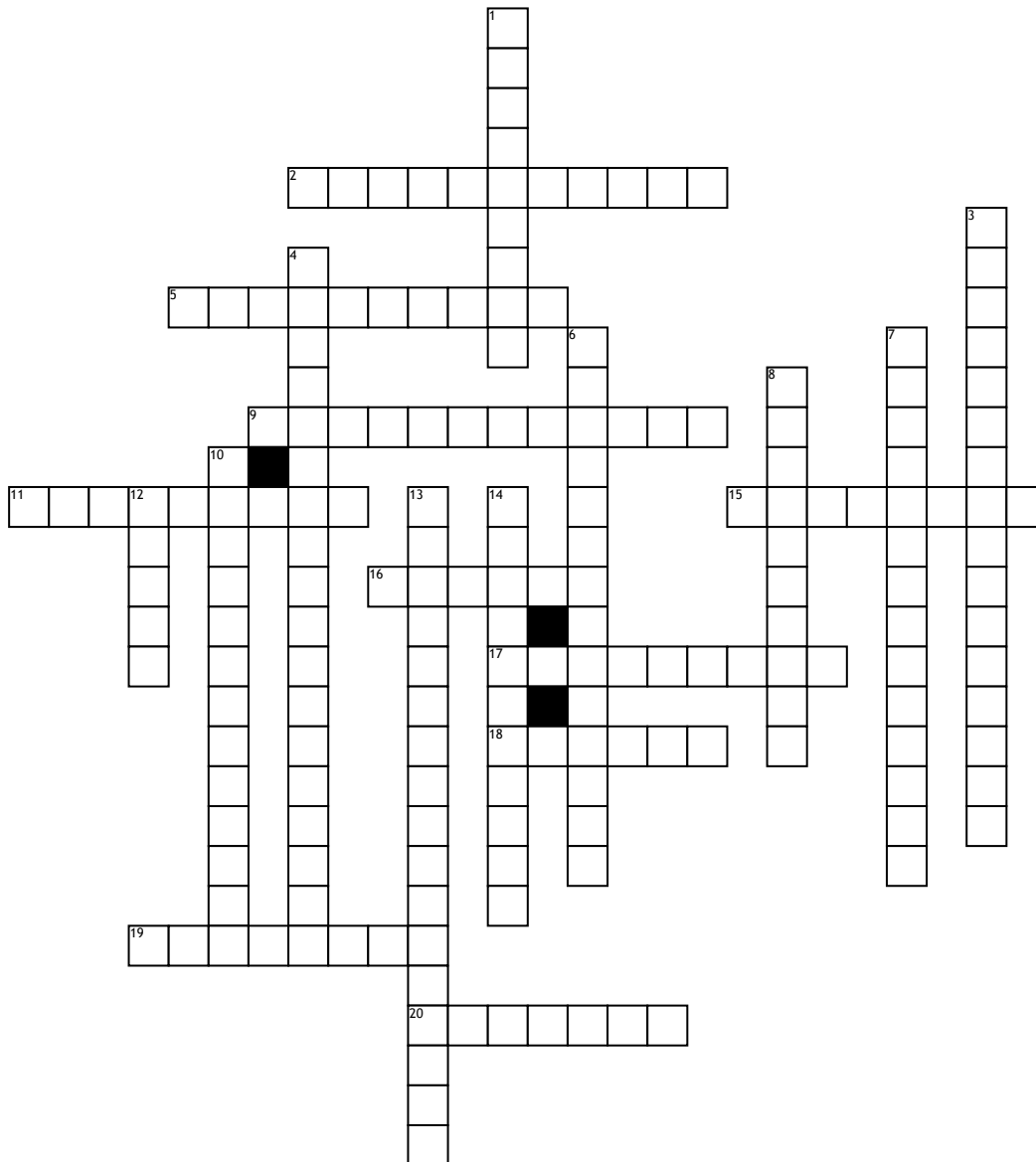


Name: _____ Date: _____ Period: _____

Layers of the Earth (Note: there are no spaces between words)



Across

2. A measure of the kinetic energy of the particles in an object
 5. The strong, lower part of the mantle
 9. Waves of vibrations from the center of the earth that produce earthquakes
 11. The resistance of gas or liquid to flow
 15. A substance made of atoms of two or more different elements
 16. The thickest layer of the earth that lies between the core & the crust
 17. The liquid, molten layer that surrounds the inner core

18. A supercontinent that was made of the continents we know today

19. The amount of force applied to something

20. The ratio of the mass of the substance to the volume of the substance

Down

1. The densest, most pressured layer, the center of the earth
 3. Alfred Wegener's hypothesis that the continents are slowly moving and were once a supercontinent called Pangea
 4. Any movement of matter that results from differences in matter

6. The theory that explains how tectonic plates move

7. Pieces of the lithosphere that move on top of the asthenosphere

8. Small, aquatic reptiles that lived in freshwater and lived when Pangea was around

10. A plastic, slow moving layer of the mantle on which the lithosphere moves

12. The outermost & thinnest layer of the earth

13. The process by which new oceanic crust forms as magma, rises toward the surface, & solidifies

14. The rigid layer that lies just below the crust