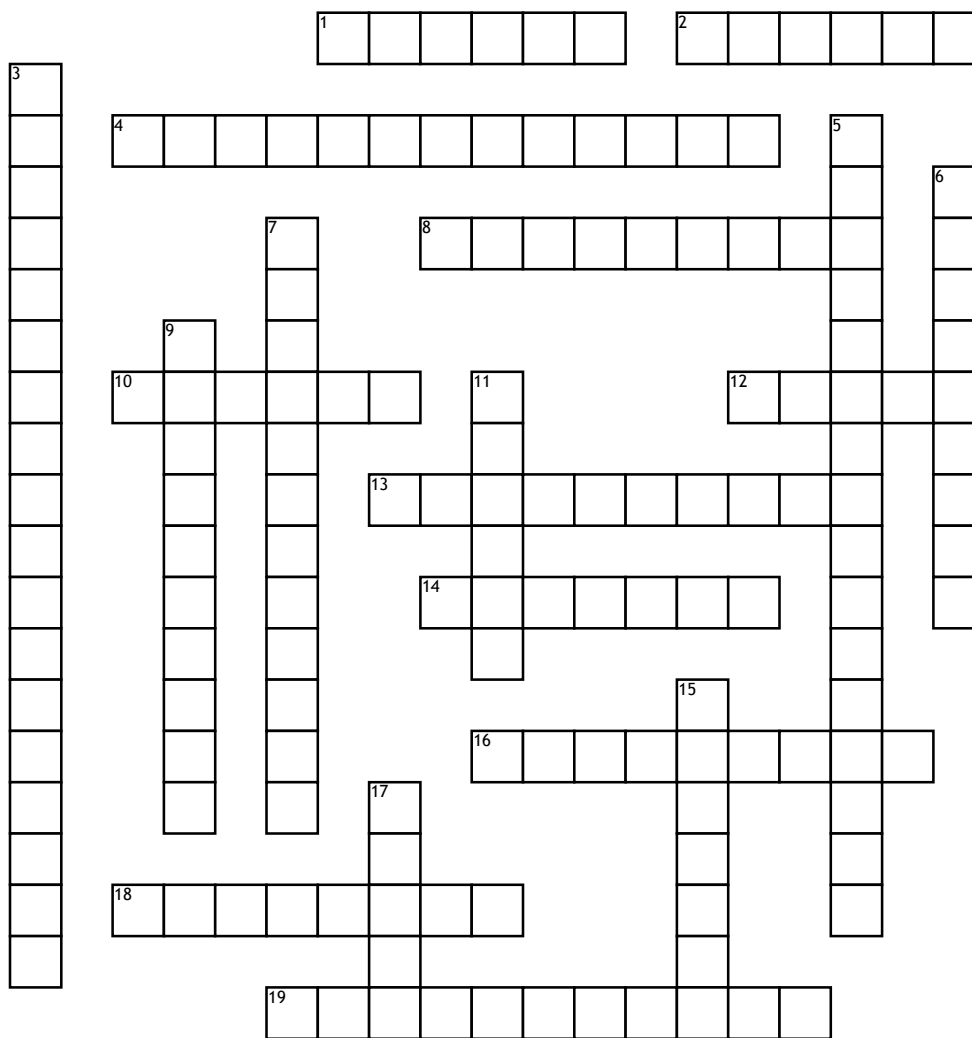


Name: _____ Date: _____ Period: _____

Thomas Lane's



Across

1. the layer of hot solid material between earth's crust and core.
2. a dark, dense, igneous rock with a fine texture, found in oceanic crust.
4. middle layer of the mantle, soft and bendy like an airhead
8. the transfer of heat through space.
10. any trace of an ancient organism
12. a device that bounces sound waves off underwater objects and then records the echoes of these sound waves
13. heat transfer within materials that are touching

14. how much mass there is in a volume of a substance

16. a dense sphere of iron and nickel at the center of earth.

18. the force exerted on a surface divided by the total area over which the force is exerted.

19. the upper most part of the mantle

Down

3. the flow that transfers heat within a fluid

5. Alfred Wegener's idea that the continents slowly moved over Earth's surface

6. a layer of molten iron and nickel that surrounds the inner core of earth.

7. vibrations that travel through earth carrying the energy released during an earthquake

9. heat transfer by the movement of currents within a fluid

11. The supercontinent that existed millions of years ago

15. a rock that has a coarse texture and is usually a light color.

17. the layer of rock that forms earth's outer layer

Word Bank

asthenosphere
lithosphere
Pangea
conduction
granite

basalt
pressure
sonar
continental drift
convection

convection currents
seismic waves
outer core
mantle
inner core

fossil
density
radiation
crust