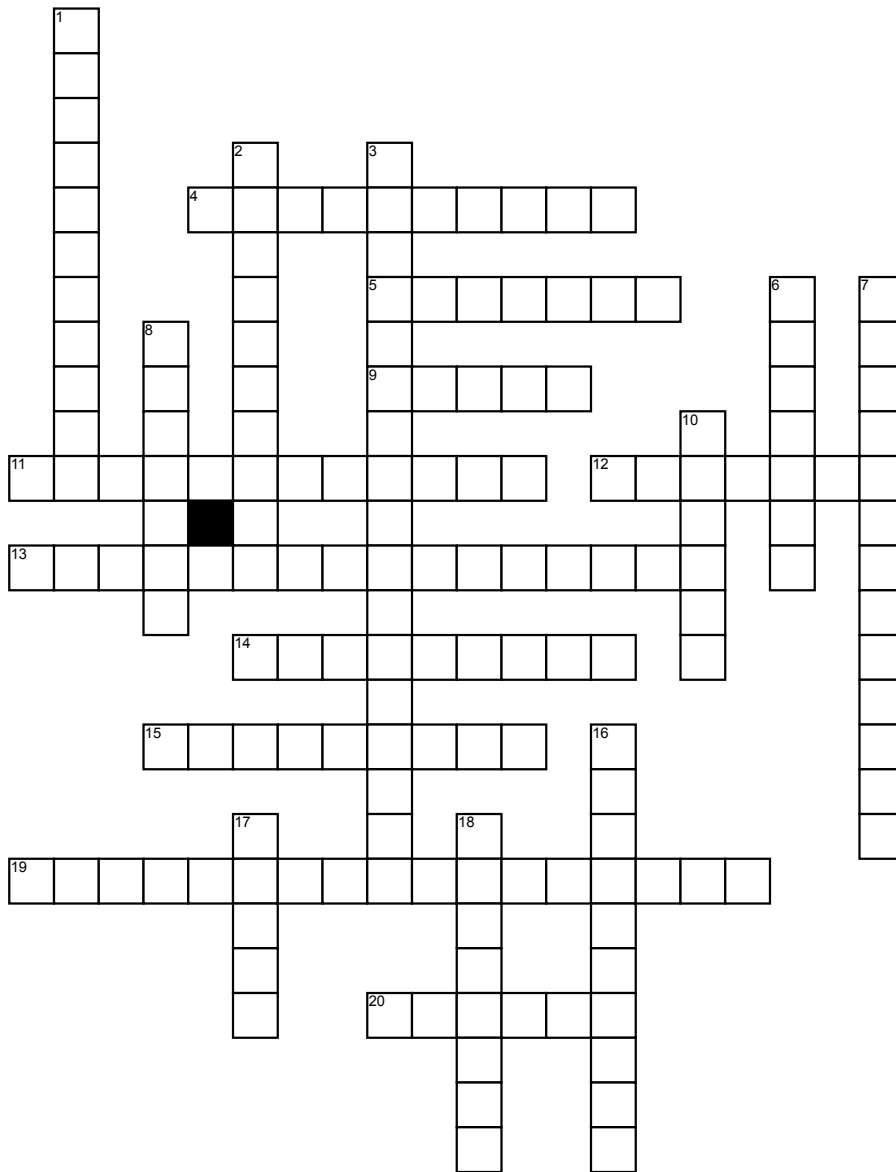


Name: _____

Plate Tectonics demellojones



Across

4. is heat transfer by the movement of currents within fluid
5. means all land
9. the layer of rock that forms earth's outer core
11. vibrations the travel through earth carrying the energy released during an earthquake
12. a usually light-colored igneous rock that is found in continental crust
13. continents move slowly
14. is the layer of molten metal that surrounds the inner core
15. is the dense ball of solid metal

19. continually adds new material to the ocean floor

20. a dark, dense igneous rock with a fine texture, found in oceanic crust

Down

1. a rigid layer made up of the upper most part of the mantle and the crust
2. heat transfer within material or between material that are touching
3. the ocean floor plunges into deep under water canyons
6. a measure of how much mass there is in a volume of a substance

7. the soft layer of the mantle on which the lithosphere floats

8. a measure of how much mass there is in a volume of a substance

10. the layer hot, solid material between earth's crust and core

16. the process by which ocean floor sinks beneath a deep-ocean trench and back into the mantle

17. a device that bounces sound waves off underwater objects and then records the echoes of these sound waves

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