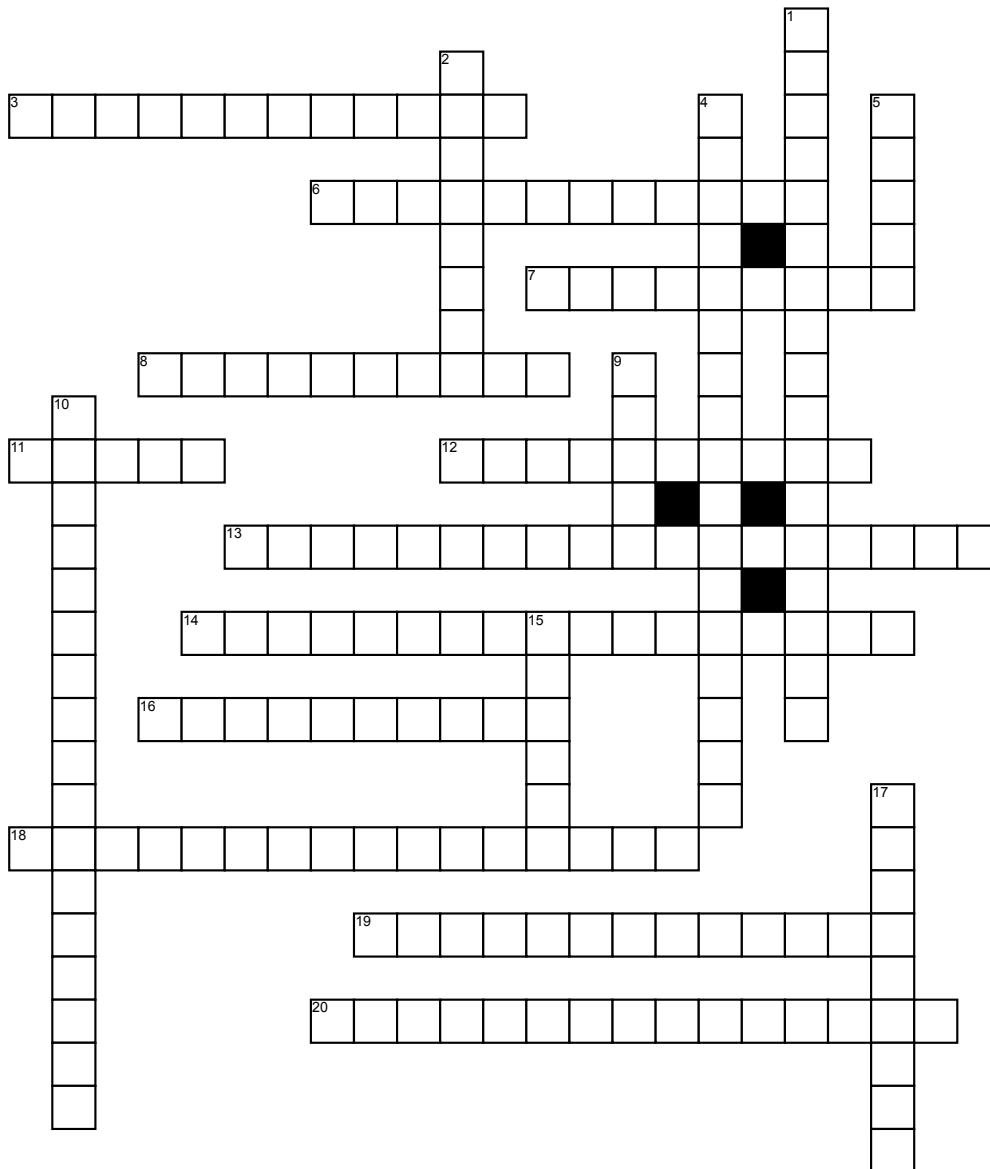


Tectonic plate WS by Levi keplin



Across

- 3.** A zone of the earth's mantle that lies beneath the lithosphere
6. Seismic waves are waves of energy that travel through the core of the earth.
7. A solid sphere in the middle of the fluid core
8. the sideways and downward movement of the edge of a plate of the earth's crust into the mantle beneath another plate.
11. for measuring the water's depth by emitting sound pulses
12. The process by which sound waves travel through a medium.
13. Two plates of the lithosphere coming closer together from two different directions

- 14.** A boundary in which two plates slide past each other without creating or destroying lithosphere
16. the sideways and downward movement of the edge of a plate of the earth's crust into the mantle beneath another plate.
18. A theory that explains scientific observations
19. The site where tectonic plates move apart and new oceanic crust is created
20. A long, narrow, but very deep depression in the ocean floor

Down

- 1.** A boundary in which two plates slide past each other without creating or destroying lithosphere

- 2.** Pressure is the force per unit area applied to a direction perpendicular to the surface of the object
4. a linear feature that exists between two tectonic plates that are moving away from each other
5. one of the sections of the earth's lithosphere, constantly moving in relation to the other sections.
9. The solid, outermost layer of the Earth, lying above the mantle
10. A current in a fluid that results from convection
15. The layer of the Earth between the crust and the outer core
17. A liquid layer about 2,260 kilometers thick