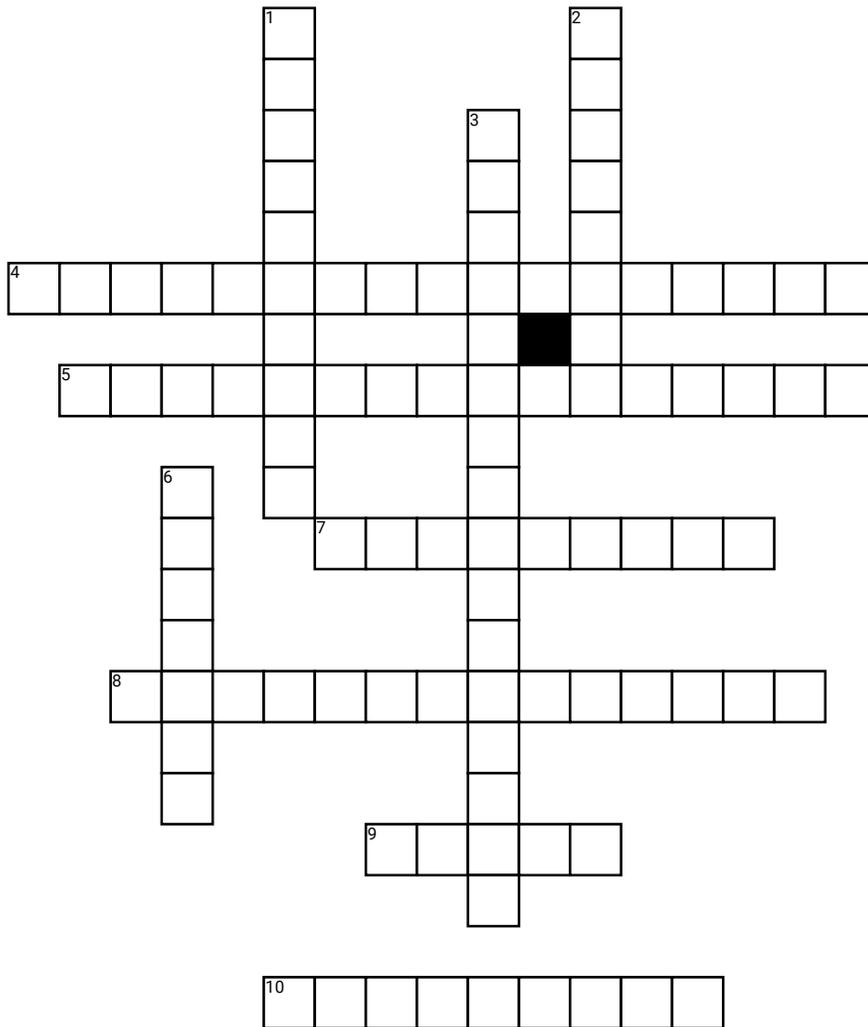


Plate Tectonics Crossword Puzzle - By Jaelyn Feebish



Across

- 4. In the mantle the movement of a fluid, caused by differences in density and temperature, that transfers heat from one part of fluid to another.
- 5. A hypothesis that today's continents were once apart of one single landmass due to Plate Tectonics moving.
- 7. The geologist that discovered seafloor spreading.
- 8. Solid chunks of mantle rock that make it to Earth's surface during a volcanic eruption.
- 9. Waves that move rock side to side, they travel only through solids.

- 10. When the force of gravity moves a plate downward and away from a ridge.

Down

- 1. The process by which oceanic crust sinks beneath a deep ocean trench and back into the mantle at a plate boundary.
- 2. The pulling of a tectonic plate as its edge subducts deep into the mantle.
- 3. A switch in the direction of Earth's magnetic field.
- 6. Name of the single landmass that happened long long ago.

Word Bank

- | | | | |
|------------|-------------------|--------------------|-------------------|
| Harry Hess | Ridge Push | Convection Current | Continental Drift |
| Pangaea | Magnetic Reversal | Mantle Xenolith | S Wave |
| Subduction | Slab Pull | | |