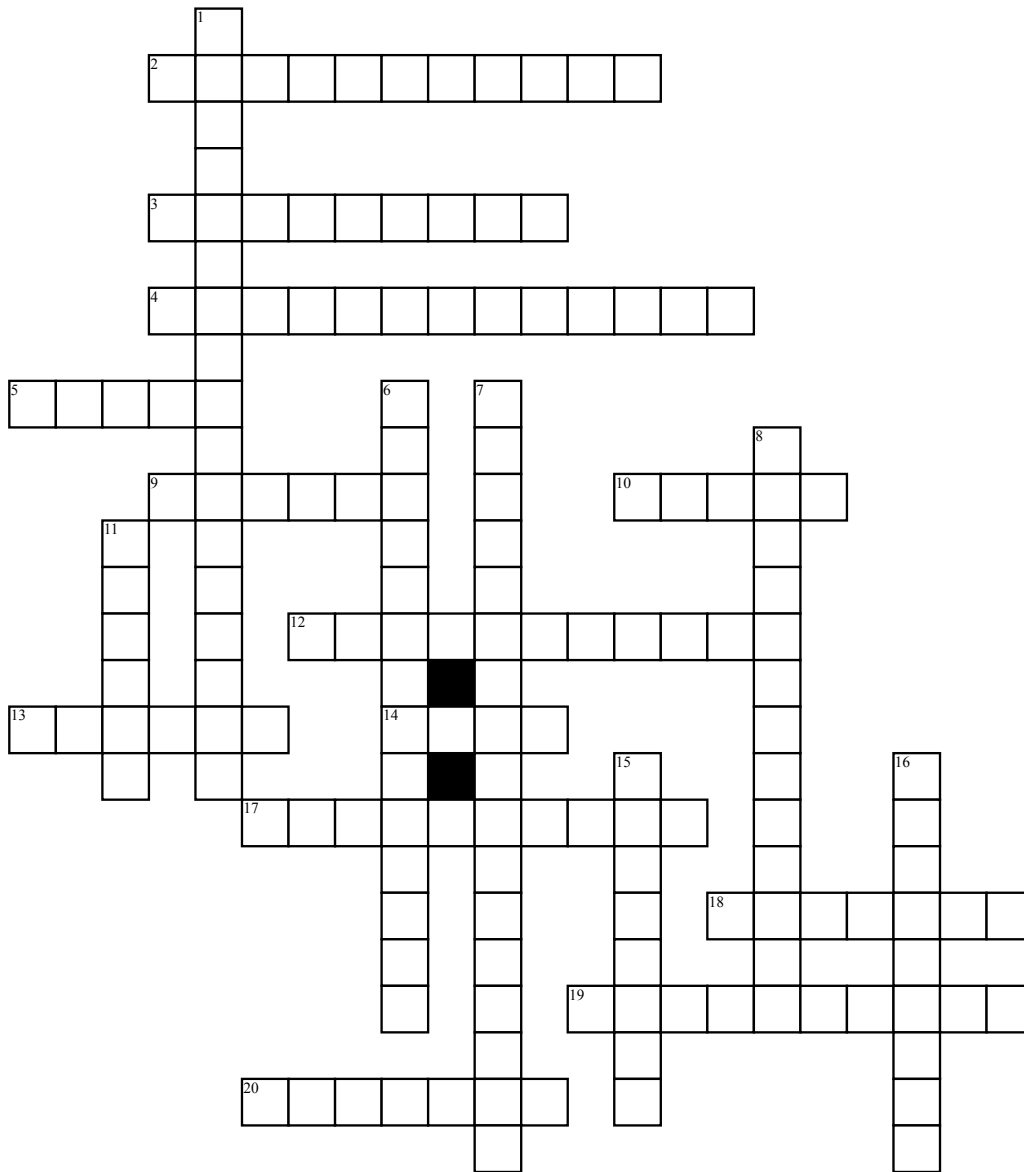


# Plate Tectonics



**Across**

- 2. Stress that occurs when forces act to squeeze an object
- 3. The boundary between two tectonic plates that are moving away from each other
- 4. A block of lithosphere that consists of the crust and the rigid, outermost part of the mantle
- 5. A break in a body of rock along which one block slides relative to another
- 9. What was the name of the mega continent?
- 10. The thin and solid outermost layer of the Earth above the mantle □
- 12. The solid, outer layer of the earth that consists of the crust and the rigid upper part of the mantle □

- 13. The rising of regions of the Earth's crust to higher elevations □

- 14. The central part of the Earth below the mantle
- 17. The strong, lower part of the mantle between the asthenosphere and the outer core
- 18. Stress that occurs when forces act to stretch an object
- 19. The boundary formed by the collision of two lithospheric plates
- 20. The bending of rock layers due to stress

**Down**

- 1. The hypothesis that states that the continents once formed a single landmass, broke up, and drifted to their present locations

- 6. The theory that combines sea-floor spreading, Earth's plates, and plate movements
- 7. The process by which new oceanic lithosphere forms as magma rises toward the surface and solidifies
- 8. The soft layer of the mantle on which the lithosphere floats
- 11. The layer of rock between the earth's crust and core. □
- 15. The boundary between tectonic plates that are sliding past each other horizontally
- 16. The sinking of regions of the Earth's crust to lower elevations