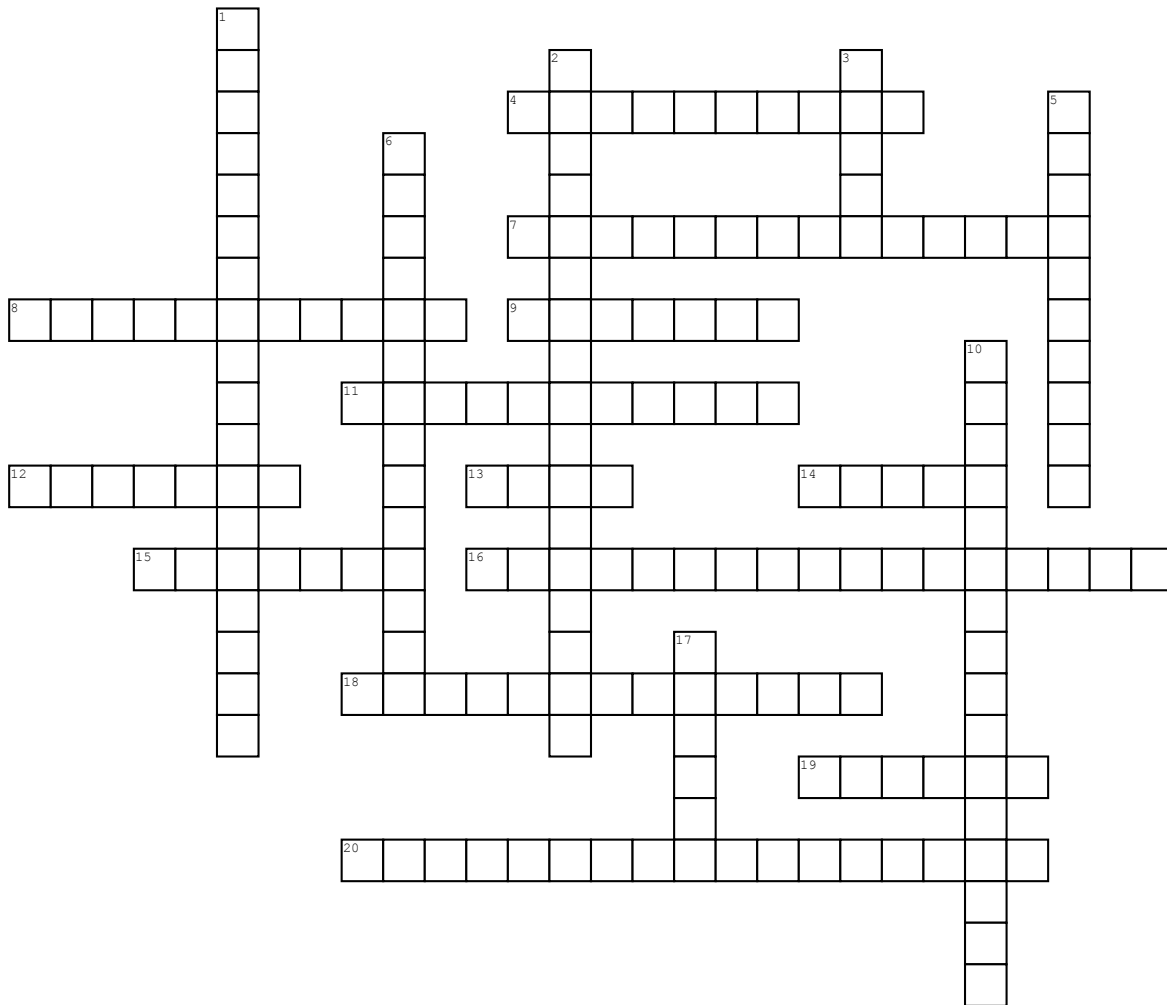


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Plate Tectonics



## Across

4. The strong, lower part of the mantle between the Asthenosphere and the outer core.
7. The theory that tectonic plates move and change.
8. Stress that occurs when forces act to squeeze an object.
9. The bending of rock layers due to stress.
11. The solid outer layer of the Earth that consist of the crust and the rigid upper part of the mantle.
12. Stress that occurs when forces act to stretch an object.
13. The central part of the Earth below the Mantle.
14. A break in a body of rock along which one block slides relative to another.

15. A hypothetical theory that at one point in the Earth's existence all the continents were together to form a super continent.

16. The boundary between two tectonic plates that were sliding past eachother horizontally.

18. The soft layer of the mantle where the Tectonic plates move.

19. The layer of rock between the Earth's crust and the Earth's core.

20. The boundary between two tectonic plates that are moving away form each other.

## Down

1. The boundary formed by the collision of two Lithosphere plates.

2. The process by which new oceanic Lithosphere forms as magma rises toward the surface and solidifies.

3. The thin and solid outermost layer above the mantle on the Earth.

5. The sinking of regions of the Earth's crust to lower elevations.

6. A block of lithosphere that consists of the crust and the rigid, outermost part of the mantle.

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

17. The rising of regions of the Earth's crust to higher elevations.