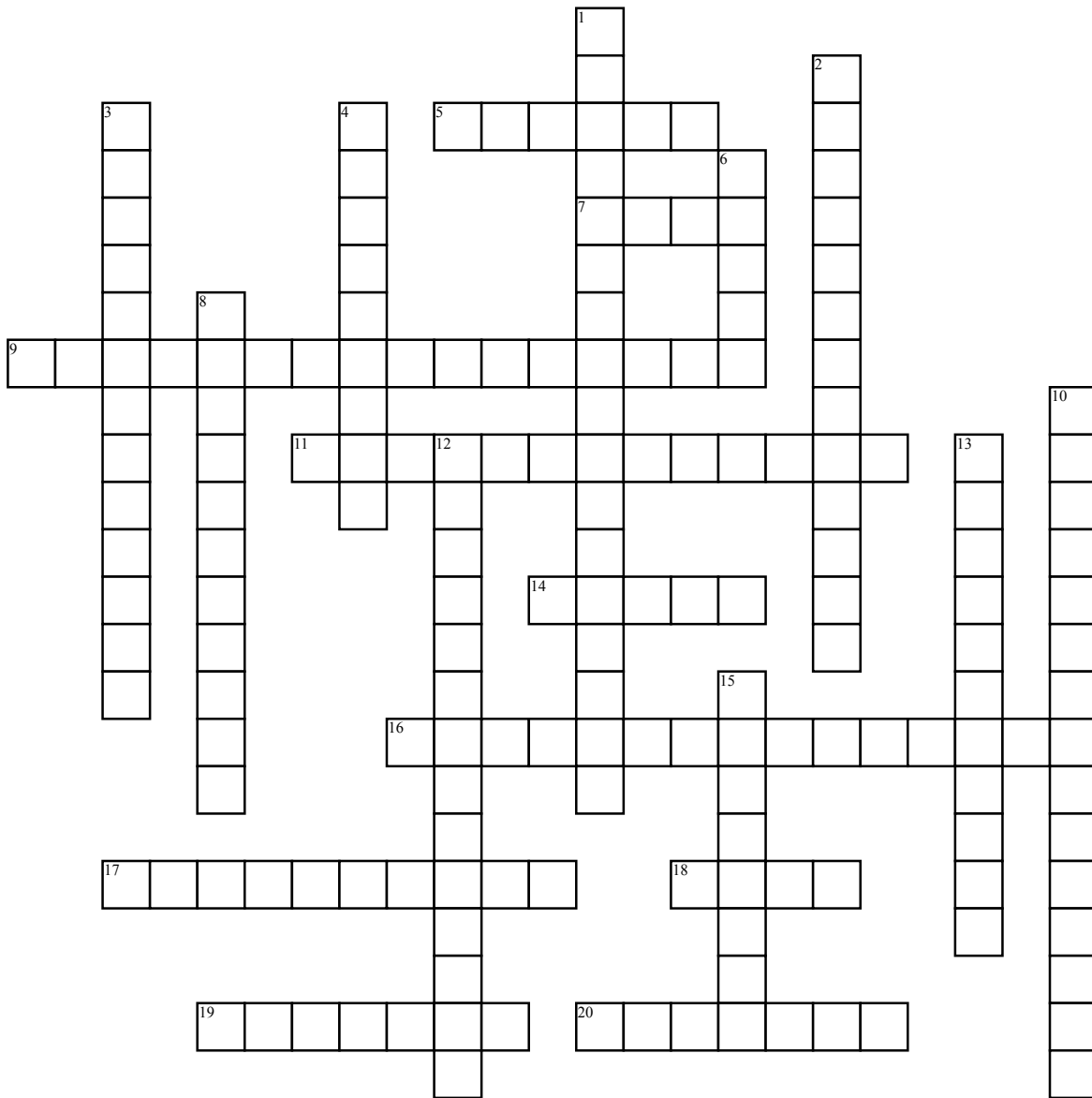


Name: \_\_\_\_\_

# Plate Tectonics



## Across

- 5. The type of rock that covers the ocean.
- 7. Magma when it reaches the surface.
- 9. The theory that the earth's landmasses were once closer together
- 11. Branch of geology that studies the evolution of rocks.
- 14. Molten rock in the earth's crust.
- 16. A major fault line that travels through all of California.

- 17. When a tectonic plate sinks below another tectonic plate.
- 18. An area of rocks that have been bent.
- 19. The super continent that existed about 335 million years ago.
- 20. A rupture in the earth's crust that holds magma and shoots out lava.

## Down

- 1. The creation of new sea floor layers that is caused from magma at mid ocean-ridges.
- 2. He created the Pangaea theory.

- 3. Flexible upper layer of the mantle, on which the tectonic plates move
- 4. That point on the Earth's surface directly above the center of an earthquake
- 6. The fracturing to two rocks.
- 8. The crustal part of the earth.
- 10. Rocks being formed from being pressed together.
- 12. Marine mountain range where a new seafloor is created by seafloor spreading, or plate tectonics.
- 13. A shake in the ground caused by the movement of tectonic plates.
- 15. Movement of the earth's crust.