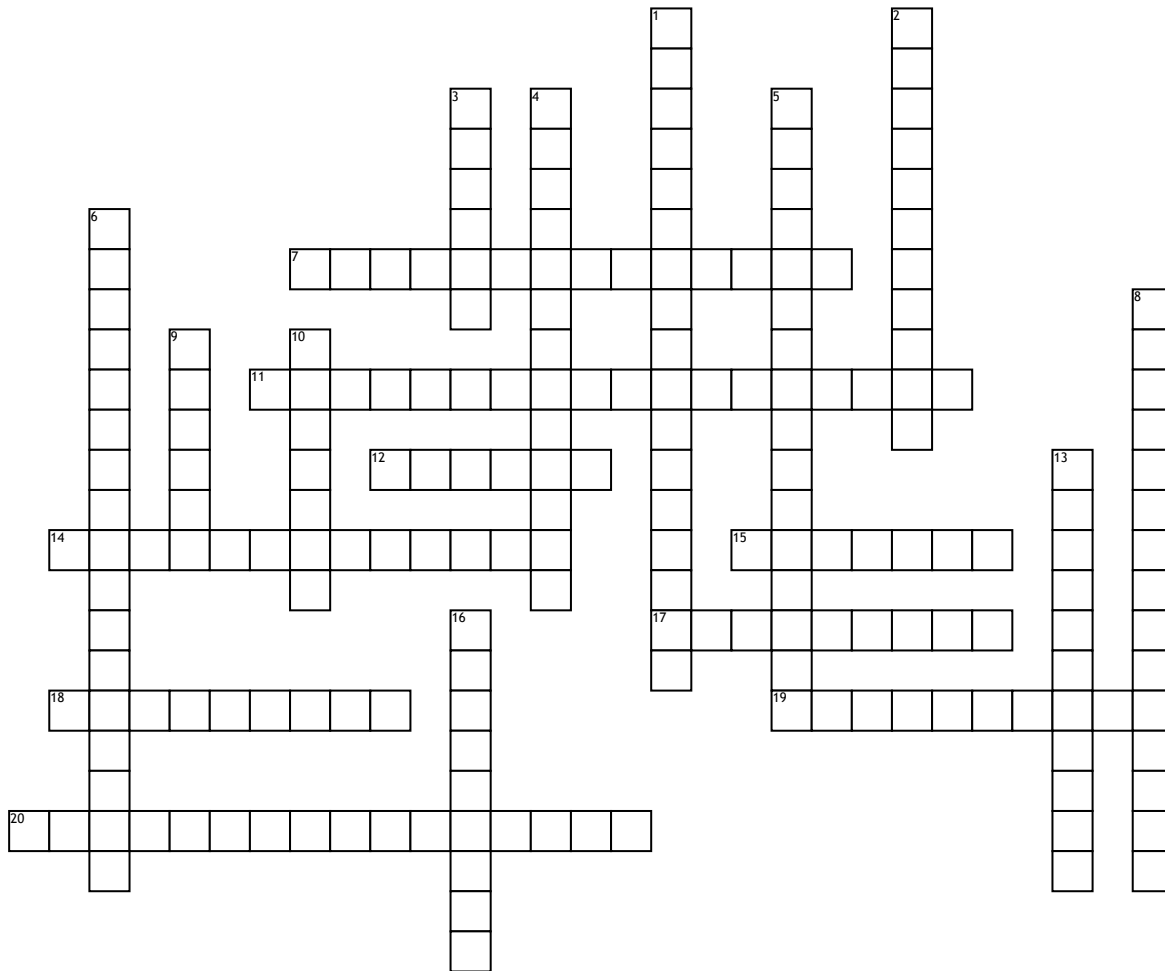


Name: _____

Date: _____

Plate Tectonics



Across

7. A theory explaining the structure of the earth's crust.

11. Two or more tectonic plates or fragments are near the end of their life cycle.

12. Large pieces of earth's crust that move due to convection currents.

14. The zone below the lithosphere.

15. The process by which earth's crust breaks apart.

17. What pushes the rest of a plate away from the mid-ocean ridge?

18. Credited with the theory of Plate Tectonics.

19. The sideways and downward movement of the edge of a plate of the earth's crust into the mantle beneath another plate.

20. The hypothesis that the continents slowly move across Earth's surface.

Down

1. Plates slide sideways past each other.

2. The outer part of the Earth's crust.

3. Large supercontinent that existed 250 million years ago.

4. Credited with the theory of Continental Drift

5. Places where new seafloor is being created.

6. The process by which new organic lithosphere (sea floor) forms as magma rises to Earth's surface and solidifies.

8. Huge trenches on Earth's seafloor.

9. Depression formed at a subduction zone.

10. Area where magma from the mantle continually breaks through the crust.

13. A chain of volcanic mountains formed at an ocean-continental convergent boundary.

16. A chain of volcanic islands formed at an ocean-ocean convergent boundary.