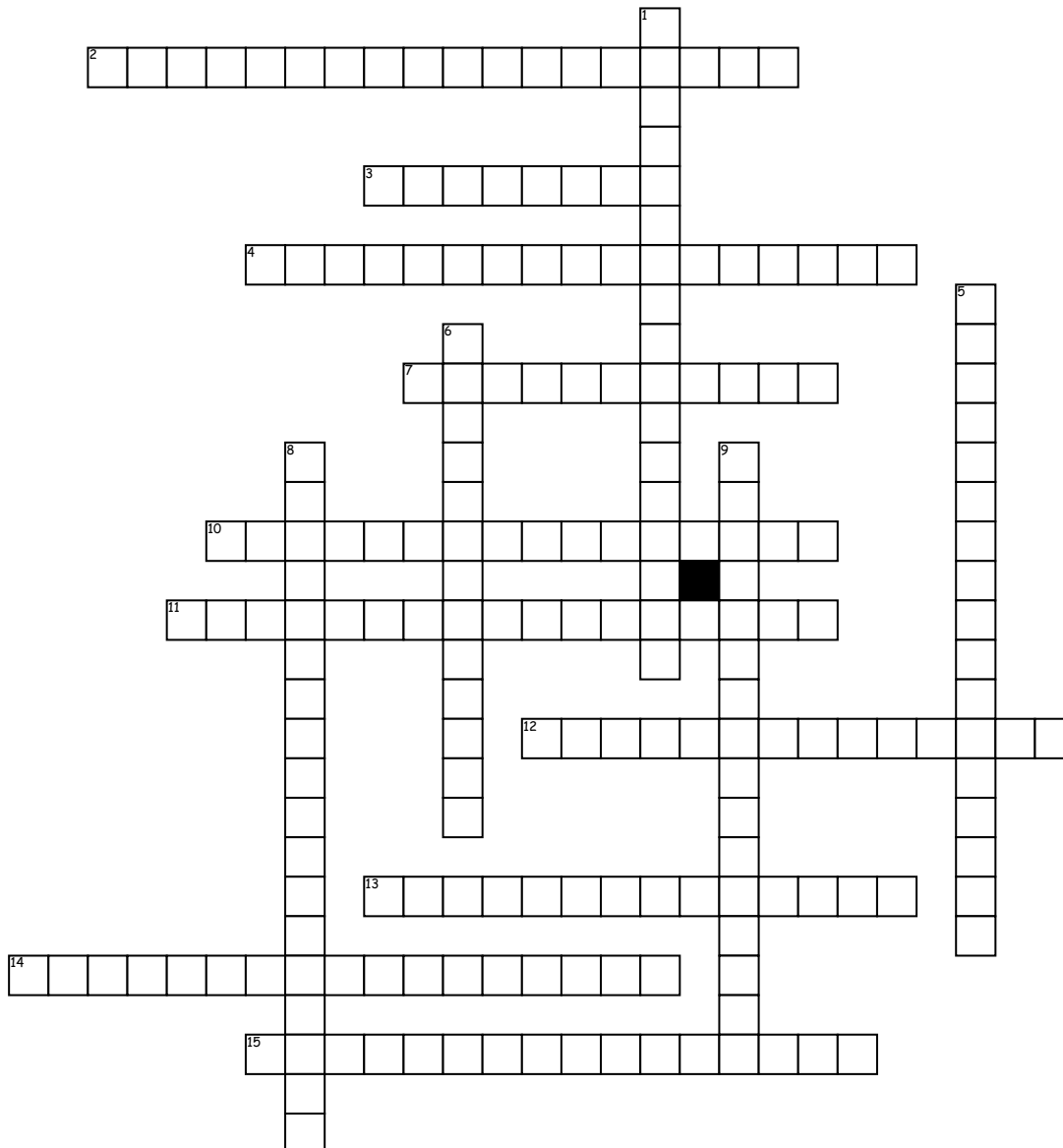


Name: _____

Date: _____

Tectonic Plate Crossword Puzzle



Across

- 2. Ages and types of rocks in the coastal regions of separate continents matched.
- 3. As the lithosphere moves away from the mid-ocean ridge it cools and becomes denser. It begins to sub-duct, as the leading edge begins to sink it pulls the rest of the plate along behind it.
- 4. Two plates slide past each other horizontally.
- 7. Another name for the crust and upper mantle.

- 10. Wegener's Hypothesis that the continents once formed part of a single landmass.
- 11. Plates move away from each other.
- 12. A large continent that broke up into smaller continents.
- 13. Identical fossils found in both South America and Western Africa.
- 14. Similarities in the coastlines of continents.
- 15. The stripes in the sea floor illustrates Earth's alternating magnetic field.

Down

- 1. New sea floor forms as magma rises to Earth's surface and solidifies at a mid-ocean ridge.
- 5. Geological evidence suggest that Earth's magnetic field has not always pointed North.
- 6. Undersea mountain chain that forms as magma rises and creates new sea floor as tectonic plates move apart.
- 8. Plates collide with each other.
- 9. Layers of debris from ancient glaciers on separate continents.