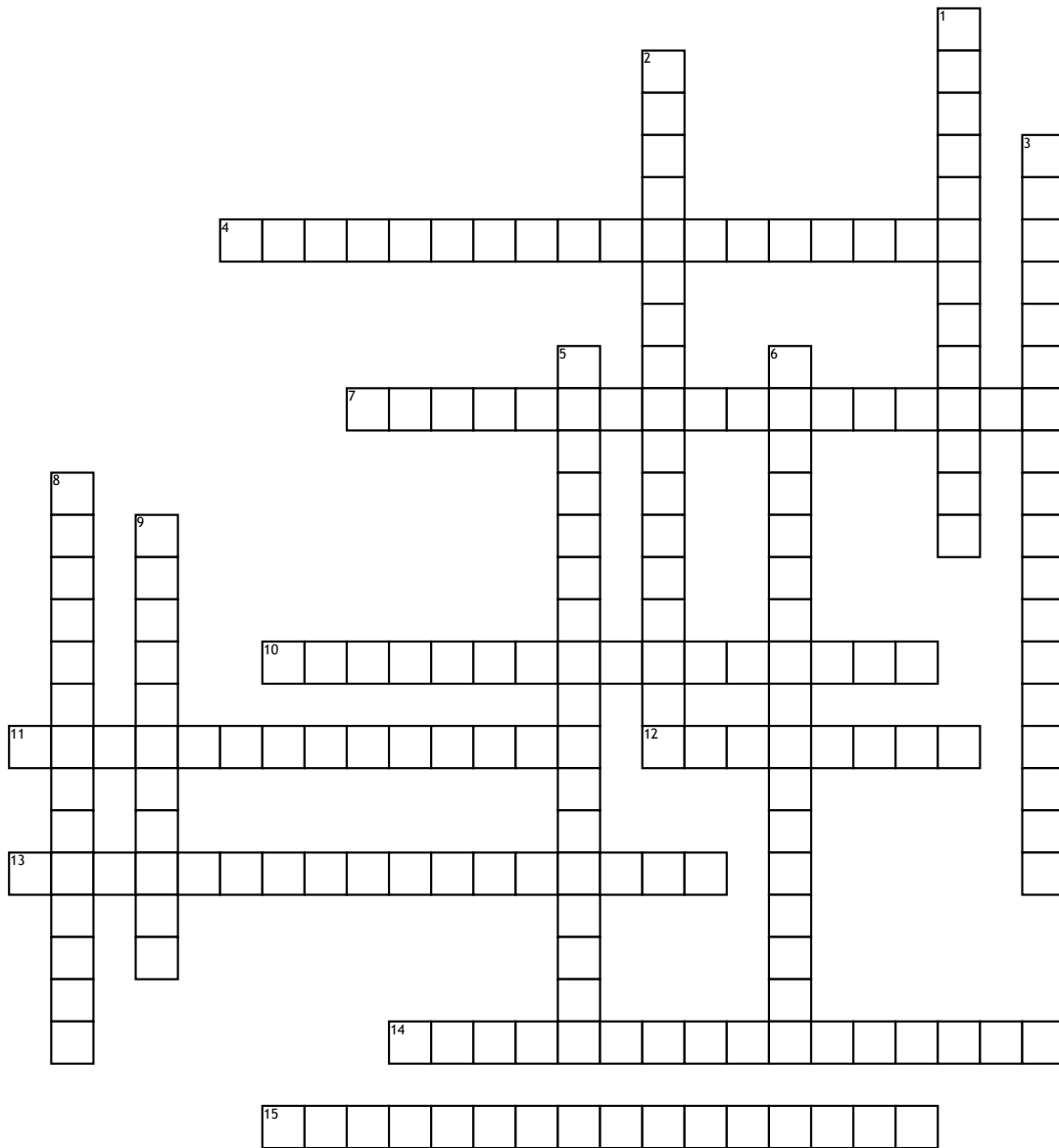


Name: _____

Tectonic Plates Crossword Puzzle



Across

4. Ages and types of rocks in the coastal regions of separate continents matched.
7. New sea floor forms as magma rises to Earth's surface and solidifies at a mid-ocean ridge.
10. Wegner's Hypothesis that the continents once formed part of a single landmass.
11. Identical fossils found in both South America and Western Africa.

12. 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
13. Plates move away from each other.
14. The stripes in the sea floor illustrates Earth's alternating magnetic field.
15. Layers of debris from ancient glaciers on separate continents.

Down

1. Undersea mountain chain that forms as magma rises and creates new sea floor as tectonic plates move apart.
2. Geological evidence suggest that Earth's magnetic field has not always pointed North.
3. Plates collide with each other.
5. Similarities in the coastlines of continents.
6. Two plates slide past each other horizontally.
8. A large continent that broke up into smaller continents.
9. Another name for the crust and upper mantle.