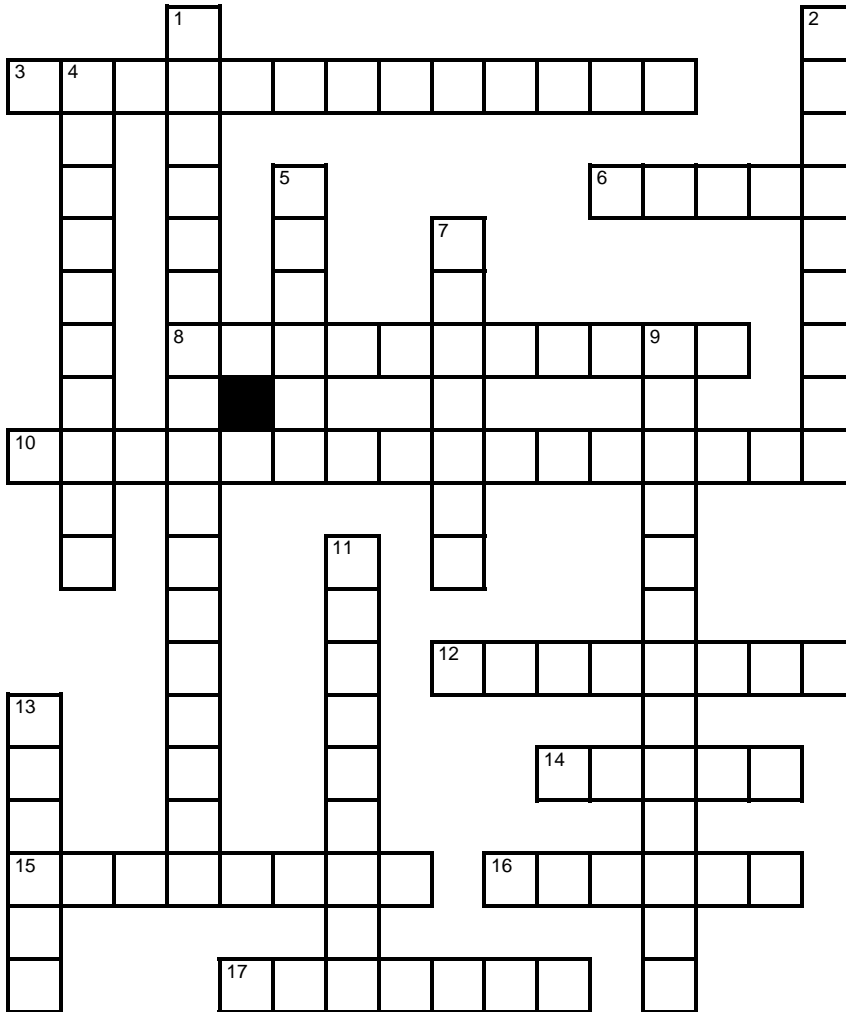


# PLATE TECTONICS

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



## Across

3. The zone below the lithosphere. It is more 'plastic' than the lithosphere so it is easier to bend and move.
6. The most outer solid portion of the planet Earth.
8. The outer part of the Earth's crust. it is composed of solid rock.
10. Places where new seafloor is being created.
12. The deepest parts of the oceans.
14. The Theory of Continental \_\_\_\_\_.
15. The Earth's \_\_\_\_\_ field reverses from time to time.
16. Alfred Wegener noticed that the coast of South America seemed to fit into the coast of this continent, just like a jigsaw puzzle.
17. Scientist who first proposed the theory that the continents drifted.

## Down

1. The primary force that causes the seafloor to spread and continents to drift.
2. Plate \_\_\_\_\_.
4. \_\_\_\_\_ zones. Places where the seafloor is forced under continental plates.
5. Section of the Earth below the crust.
7. Paleontologists noticed that these were the same on different continents even though the continents were separated by oceans.
9. Source of heat in the mantle.
11. Seafloor \_\_\_\_\_.
13. Scientist who first proposed that thermal convection in the mantle causes continental drift.

