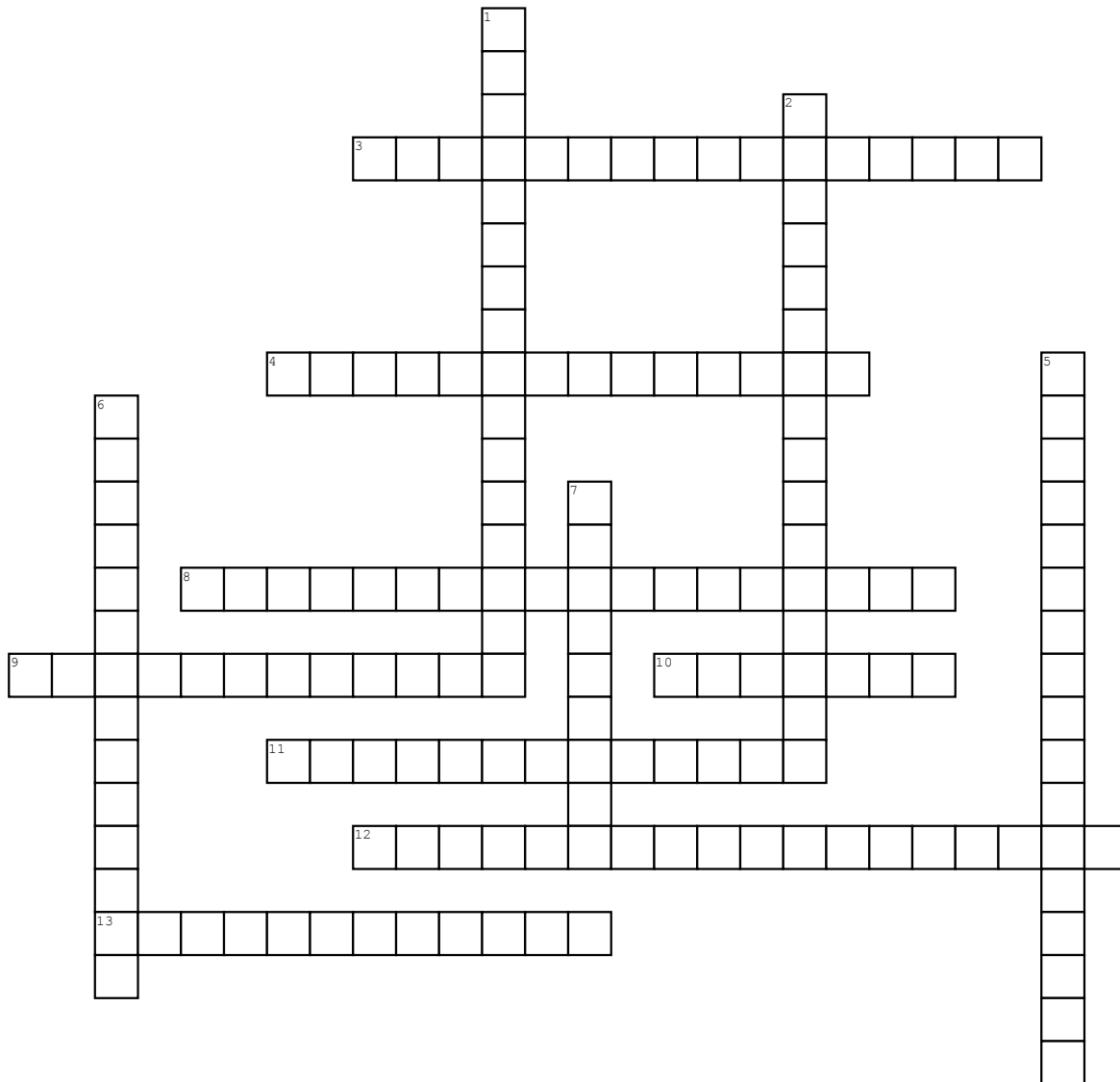


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Chapter 4: Plate Tectonics



## **Across**

3. Contains granite  
4. The theory when lithospheric plates move and cause geological changes.  
8. Occurs in asthenosphere; moves plates in lithosphere  
9. Contains basalt  
10. The supercontinent founded by Alfred Wegener

11. The scientist who developed the idea of continental drift.  
12. The large brittle pieces of Earth's outer shell  
13. A tropical plant found in multiple regions such as South America, Africa, and Antarctica.

## **Down**

1. The hypothesis that states that all the continents are moving on earth's surface.

2. The boat that drills and collect samples from the sea floor  
5. The process where new seafloor is continuously made at the mid-ocean ridges  
6. The longest chain of mountains in the world.  
7. The American Scientist who studied sea floor spreading and the mid-ocean ridges.