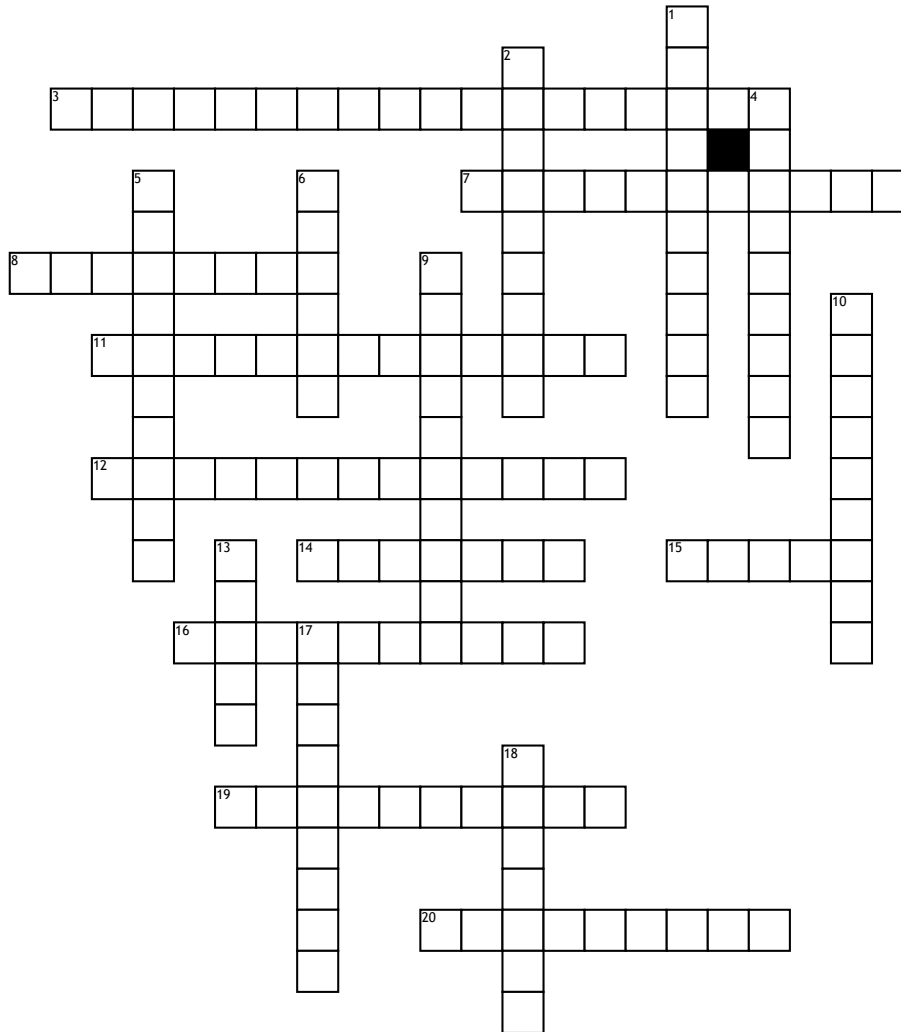


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Plate Tectonics



## Across

3. The process of heating, cooling, and sinking.  
 7. Device to record the intensity of an earthquake  
 8. The deepest parts of the ocean  
 11. Energy that is released from an earthquake  
 12. Underwater mountain range formed by plate tectonics  
 14. Scientist who first proposed the continents drifted  
 15. The theory of continental \_\_\_\_\_  
 16. The movement of a plate into the mantle beneath another plate

19. A break in the earth's crust where movement occurs.

20. What boundary occurs when two tectonic plates rub against each other

## Down

1. Area where most volcanoes are located  
 2. A layer of molten iron and nickel that surrounds the inner core  
 4. Seafloor \_\_\_\_\_  
 5. The primary force that causes the sea floor to spread and the continents to drift  
 6. A trace of an ancient organism that has been preserved in rock

9. What boundary occurs when two tectonic plates collide

10. The point on the surface above the focus

13. The most outer portion of planet Earth

17. What boundary occurs when two tectonic plates move away from each other.

18. An ancient super continent that contained the earth's landmasses

## Word Bank

Convection  
 Epicenter  
 Divergent  
 Transform  
 Spreading

Fossil  
 Convection Currents  
 Outer core  
 Crust  
 Mid-ocean Ridge

Seismic energy  
 Seismograph  
 Convergent  
 Pangaea  
 Subduction

Ring of fire  
 Earthquake  
 Drift  
 Wegener  
 Trenches