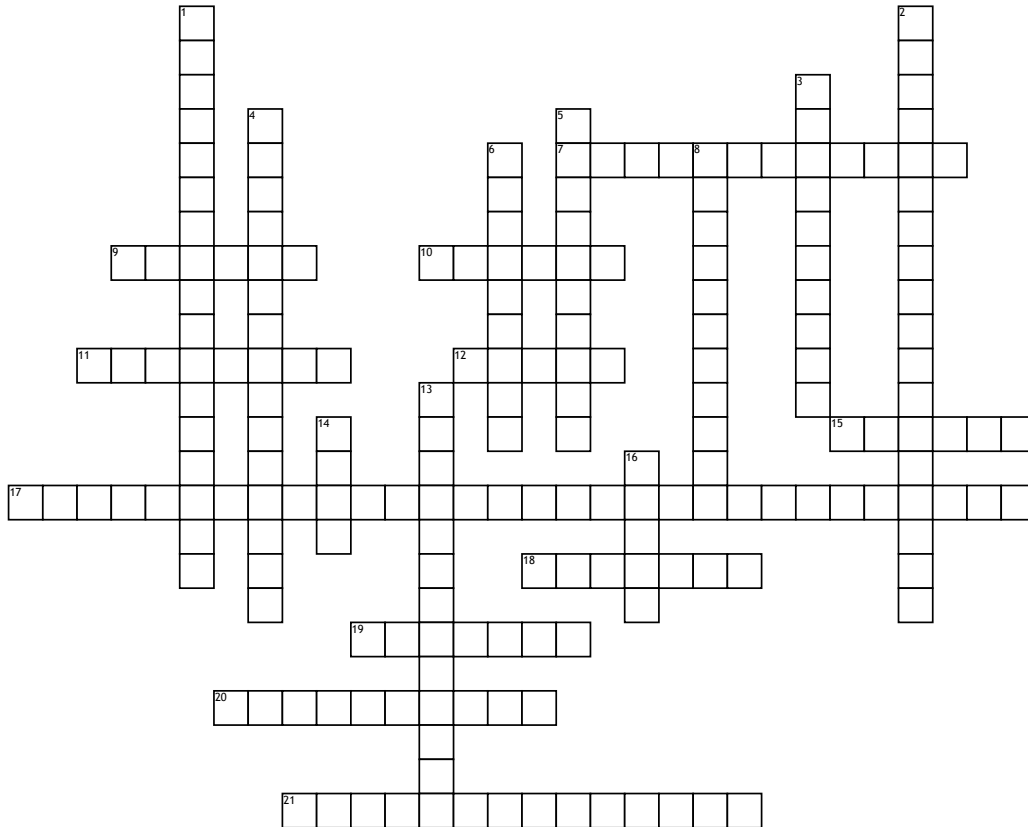


Name: \_\_\_\_\_

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

# PLATE TECTONICS



## Across

- 7. The person who came up with the theory of the continental drift
- 9. 350 million years ago pangea was
- 10. 10 million years ago what started to break apart
- 11. rocks found farther away from the ridges
- 12. a device used by scientist in the mid 1900's that uses sound waves to measure the distance to an object
- 15. what may happen if an ocean is surrounded by many trenches
- 17. the book Alfred Wegner wrote on the continental drift

## Word Bank

earthquakes  
grow  
plate tectonics  
Andes  
seafloor spreading  
shrink  
The Origin of Continents and Oceans

## 18. when plates move apart

- 19. 200 million years ago is how often the oceans floor is
- 20. a tool scientist use to measure plate motion precisely
- 21. explains the formation, movement, and subduction of the earth's plates

## Down

- 1. often working together with subduction
- 2. why do earths plates move
- 3. 10 million years ago is when the Pangea began to

mid ocean ridge  
old rocks  
Alfred Wegner  
break apart  
renewed  
Marie Tharp  
convection currents

- 4. usually a mirror image of the pattern on the other side of the ridge
- 5. The woman who made a surprising discovery while making maps
- 6. rocks found closer to the center of the ridges
- 8. this occurs when plates move
- 13. where sea floor spreading begins
- 14. what may happen if an ocean is surrounded by few treches
- 16. 8,900 Kilos is how far the the \_\_\_\_\_ Mountains run across the west coast of South America

diverge  
Pangea  
satellites  
formed  
young rock  
sonar  
magnetic stripes