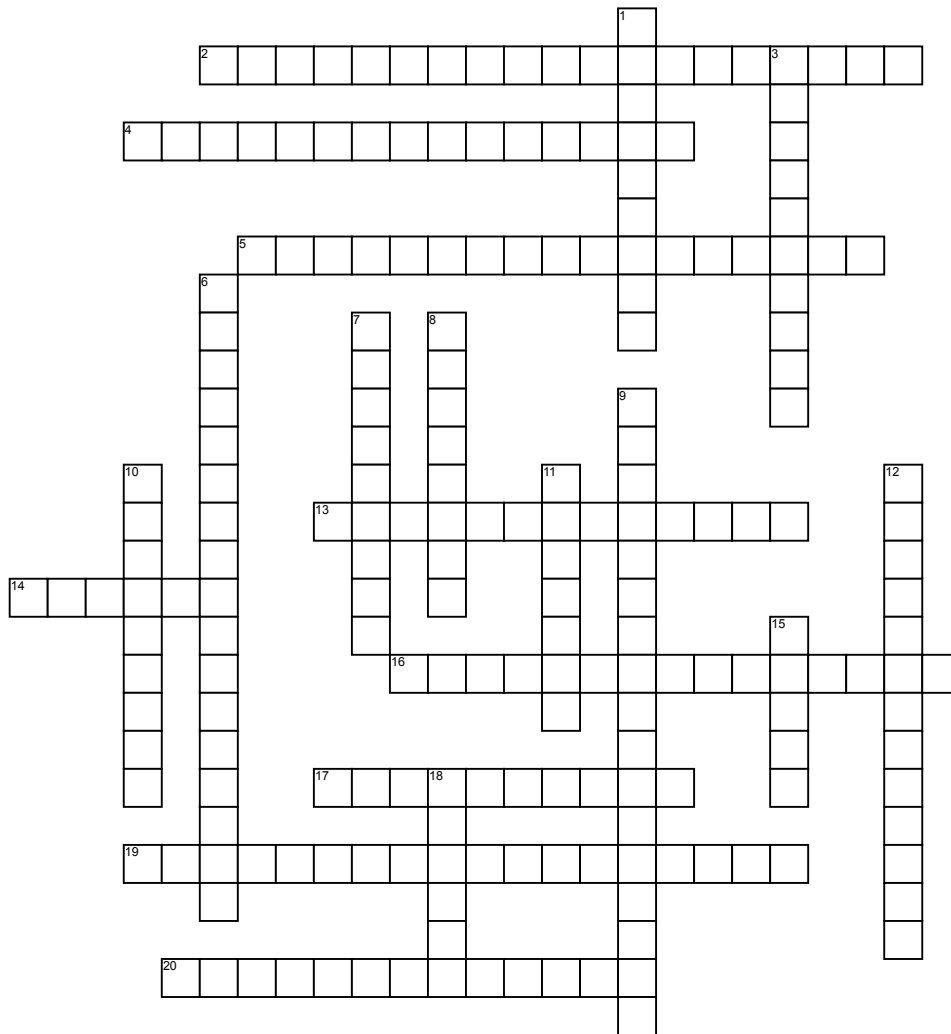


Plate Tectonics



Across

- 2. What type of boundary involves plates moving away from each other ?
- 4. What is the evidence for sea floor spreading that involved ocean floor samples ?
- 5. What type of boundary involves plates slipping past each other ?
- 13. What was evidence for sea floor spreading that involved pillow lava on the ocean floor ?
- 14. What are Earth's pieces separated by cracks ?
- 16. What is the evidence for sea floor spreading that involved magnetic striping on a ridge ?

- 17. How many years have the continents taken to move to their present location ?
- 19. What type of boundary involves plates colliding ?
- 20. Who was the scientist that had a theory about continental drift ?

Down

- 1. What is the layer above the inner core ?
- 3. what's formed when pieces of Earth's crust diverges on land
- 6. What is the formation of new areas of oceanic crust ?
- 7. What is the inner layer of the Earth called ?

- 8. What is the point or line in which one region ends and another begins ?
- 9. what is an unknown boundary called ?
- 10. What are the Earth's large landmasses called ?
- 11. What is the hypothetical super continent that included all of the current landmasses ?
- 12. What's a long, active ridge system located in the middle of an ocean basin ?
- 15. What is the outer layer of the Earth ?
- 18. What is the Earth's second outermost layer ?

Word Bank

- | | | | |
|---------------------|----------------------|--------------------|--------------------|
| Inner core | Mantle | seafloor spreading | 200 million |
| Outer core | uncertain boundary | mid ocean ridge | Crust |
| Boundary | Plates | Continent | Drilling samples |
| Convergent boundary | Divergent boundaries | Rift valley | Ocean material |
| Magnetic stripes | Alfred Wegener | Pangaea | Transform boundary |