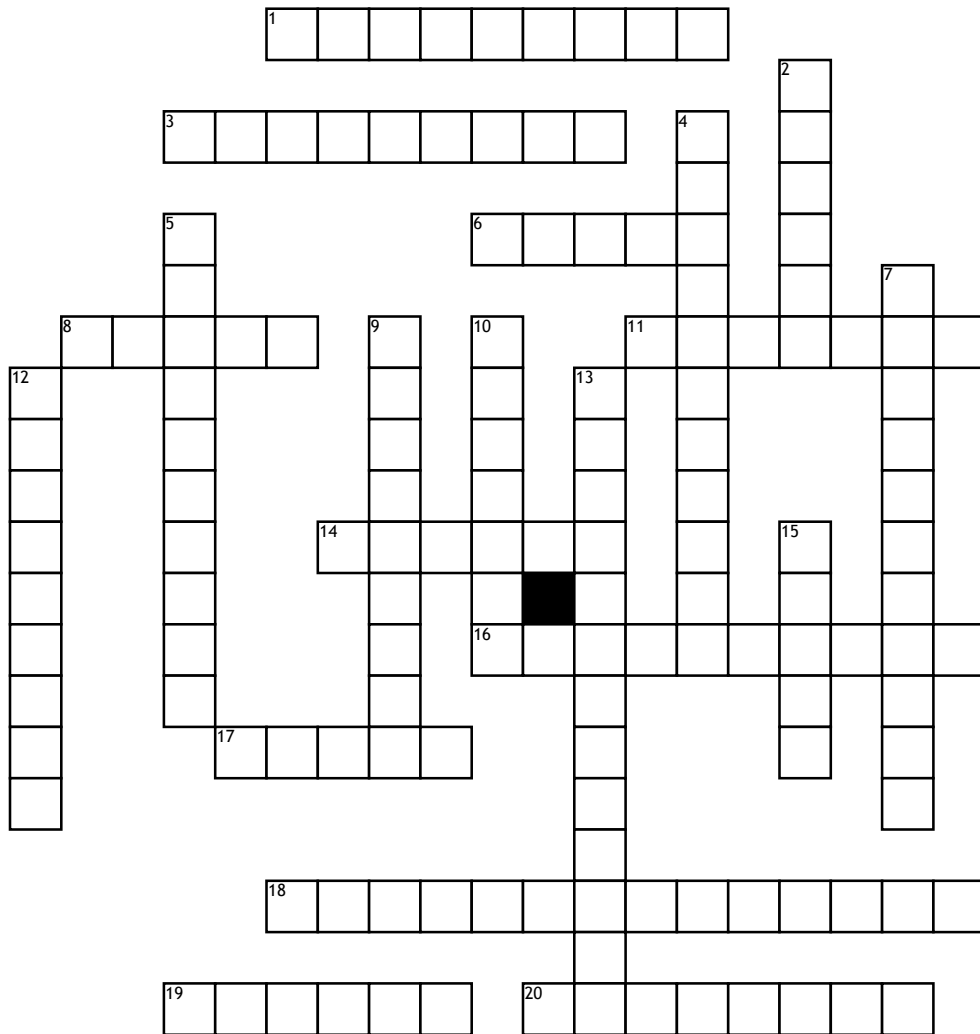


# Plate Tectonics Crossword



**Across**

- 1. The ----- of the earth is a liquid layer of about 2,300 kilometers thick.
- 3. What boundary type goes side to side?
- 6. The earth's ----- makes up the continents and ocean floors.
- 8. A ----- is a planar fracture or discontinuity in a volume of rock.
- 11. This is where lava pushes up from under the mantle and creates a volcano.
- 14. What is very deep and forms when a tectonic plate slides beneath another?
- 16. What boundary type collides into each other?
- 17. What planet do we live on?

18. What is this defining, a theory explaining the structure of the earth's crust?

19. What is between the core and the crust?

20. What kind of spreading is a process that occurs at the mid-ocean ridges, where new oceanic crust is formed through volcanic activity?

**Down**

2. This is a chain of mountains or hills that form a continuous elevated crust for some distance.

4. this is the rigid outer part of the earth, consisting of the crust and upper mantle

5. Transform, Convergent, and Divergent are plate what?

7. ----- crust is the thick part of the earth's crust that forms the large landmasses.

9. What boundary type moves away from one another?

10. ----- crust is the thin part of the earth's crust that underlies the ocean basins.

12. What is the solid sphere in the middle of the fluid core called?

13. this is the upper layer of the earth's mantle and below the lithosphere

15. What is another word for lava?

**Word Bank**

- |            |            |                 |             |            |
|------------|------------|-----------------|-------------|------------|
| Divergent  | Crust      | Seafloor        | Mantle      | Earth      |
| Ridges     | Trench     | Plate Tectonics | Outer core  | Convergent |
| Boundaries | Inner core | Oceanic         | Continental | Hotspot    |
| Magma      | Transform  | Asthenosphere   | Lithosphere | Fault      |