

Plate Tectonics Crossword Puzzle (Answer Key)

Across

2. The theory that Earth's continents were once different than they are today; that some of the individual landmasses of today once were joined in other continental forms. These land masses later separated and moved to their present locations

4. Boundaries between plates

6. Region of high pressure underlying the Lithosphere where rocks are deformed by enormous stresses

11. A tectonic process where nearby plates move toward each other

12. A groove bounded by two or more faults

13. Any attempt to deform a solid

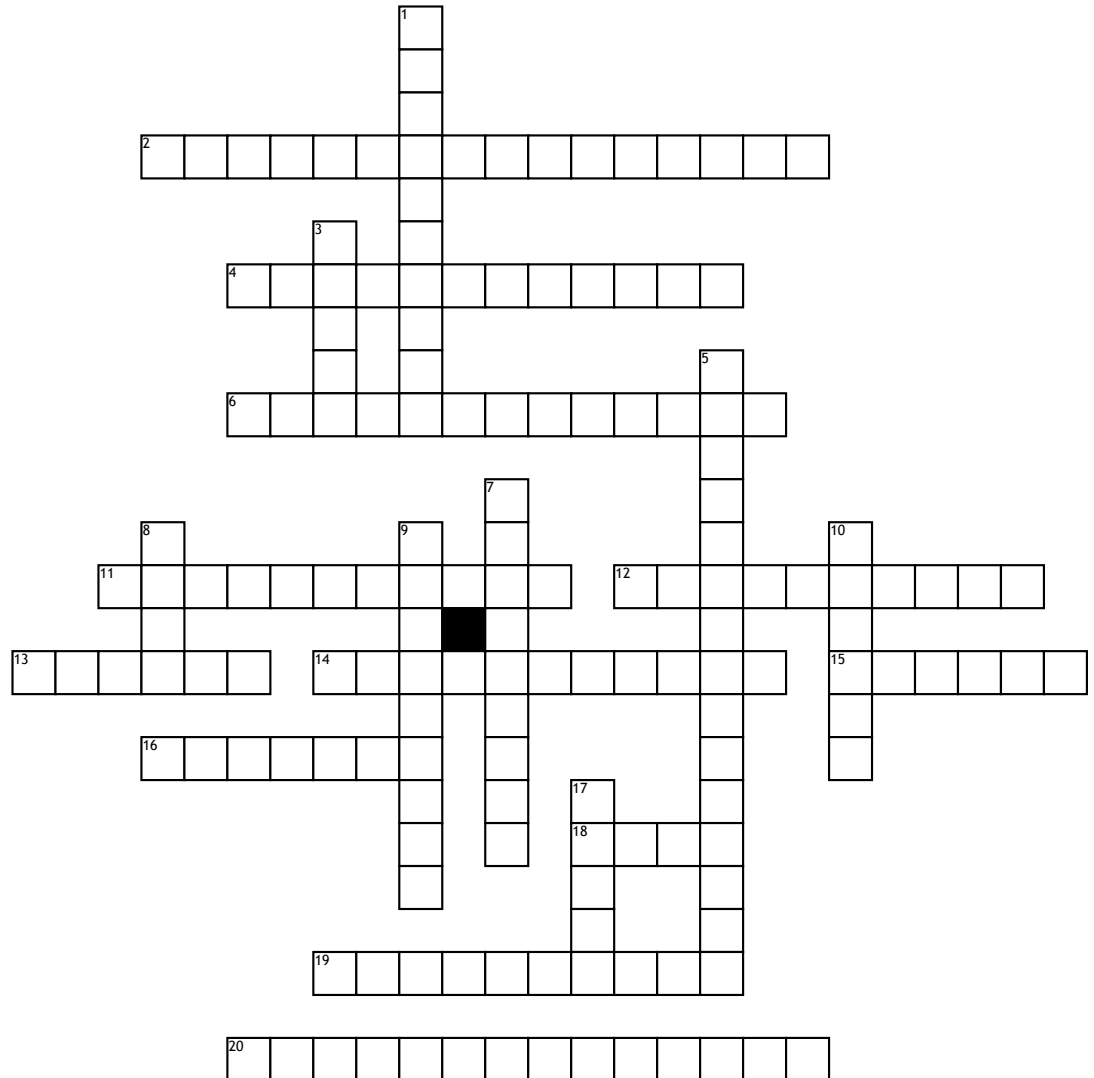
14. The upper layer of Earth's interior, including the crust and a small portion of the mantle.

15. A general statement derived from a hypothesis.

16. A form of stress produced by a force that acts to stretch a material

18. A split between two bodies (for example, two plates) that were once joined.

19. A tectonic process that results when plates converge and one plate forces the other down into Earth's mantle.



20. As a theory, it explains the processes that have shaped Earth in terms of plates and their movement.

Down

1. A tectonic process where plates move away from each other.

3. An area between rocks resulting from stress.

5. A tectonic process where plates slide past each other. It is also one of the three ways along with convergence and divergence that plates interact

7. The deformation of the lithosphere

8. The center of Earth. Made primarily of iron and another lighter element (possibly sulfur), it is divided between a solid inner core with a radius of 760 mi.

9. The study of tectonism, including its causes and effects.

10. The thick, dense layer of rock between Earth's crust and its core.

17. The uppermost division of the solid Earth.