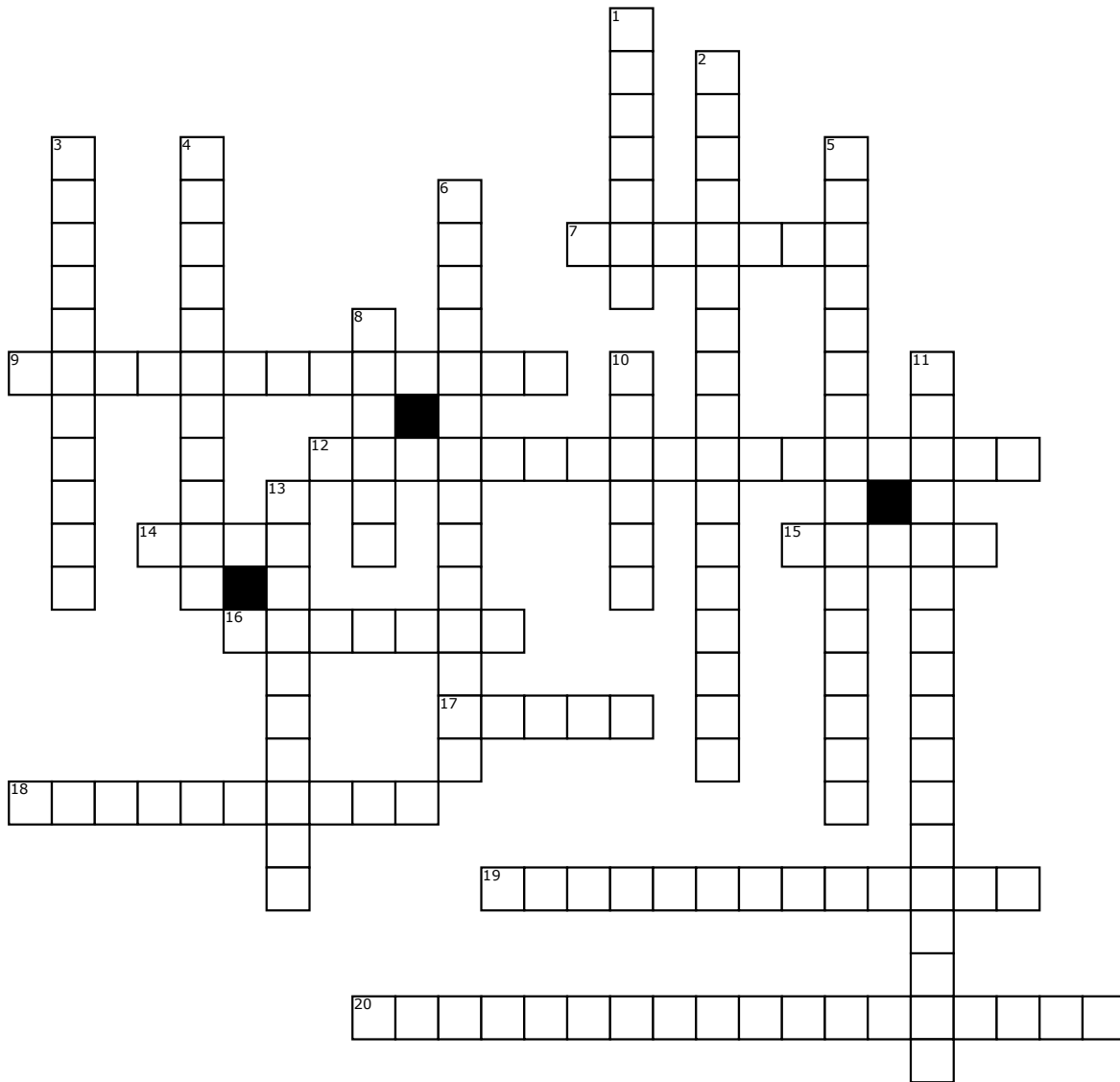


# Plate Tectonics



**Across**

- 7. stress that occurs when forces stretch an object
- 9. soft layer of the mantle which the tectonic plates move on top of
- 12. the boundary formed when 2 tectonic plates are moving away from each other
- 14. central part of the Earth below the Mantle
- 15. where rocks split and slide past each other
- 16. stress that causes rocks to bend
- 17. the thin, solid, outermost layer of the Earth
- 18. regions of Earth's crust sinig to lower elevations
- 19. a block of the lithosphere that makes up the crust and the outermost part of the mantle

- 20. the boundary formed when 2 tectonic plates collide

**Down**

- 1. a huge landmass that existed when all of the continents were connected 240 million years ago
- 2. the boundary formed when tectonic plates are sliding past each other horizontally
- 3. solid, outer layer of the Earth that makes up the crust and the top part of the mantle
- 4. stress that occurs when forces squeeze and object
- 5. an explanation that states that the continents were once a single landmass that broke up and drifted to their current locations over millions of years
- 6. an explanation the shows how large pieces of the Earth's outermost layer moves and changes shape
- 8. regions of Earth's crust rising to higher elevations
- 10. the layer of rock between the crust and the core
- 11. the process where magma rises toward the surface, solidifies, and creates new crust. The old crust is slowly being pushed away from where the new crust is formed
- 13. the strong, lower part of the mantle between the asthenosphere and the core