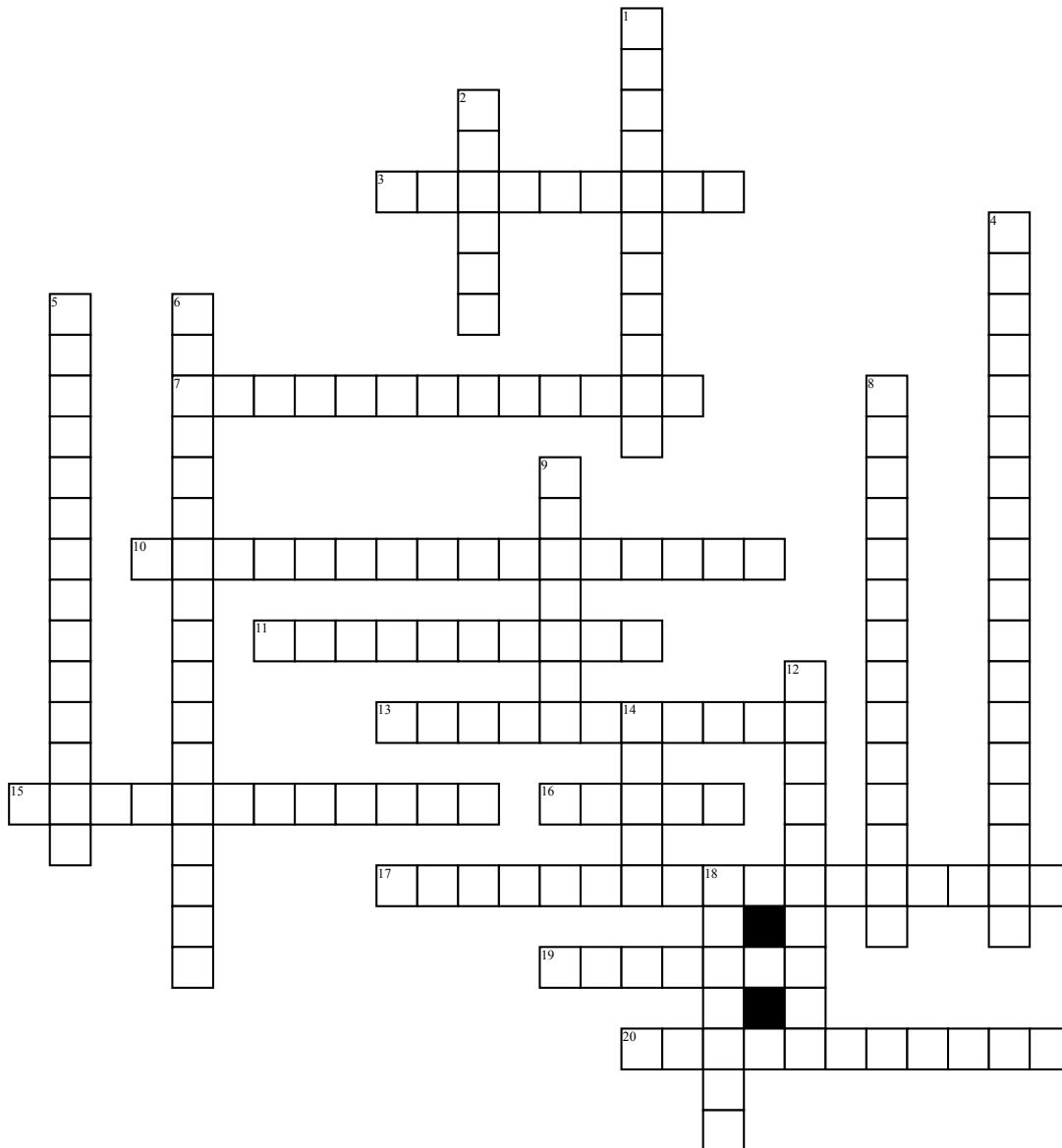


# Plate Tectonic Crossword Puzzle



## Across

3. final layer of the Earth  
 7. upper layer of the Earth's mantle and below the lithosphere  
 10. gradual movement of continents across the earth's surface  
 11. sudden and violent of the ground, sometimes causing great destruction  
 13. more or less stable crust of the earth  
 15. lies atop Earth's mantle  
 16. a wave that moves perpendicular

17. plate that moves away from each other

19. This guy has to do with the Pangea theory  
 20. an instrument for measuring and recording the vibrations of an earthquake

## Down

1. rigid outer part of the earth, consisting of the crust and upper mantle  
 2. part of Earth that's between the crust and the core  
 4. two plates colliding together; moving towards each other

5. theory explaining the structure of the earth's crust that results with interaction with the rigid lithosphere  
 6. two of the plates move past each other  
 8. biggest crash scene on Earth  
 9. a mountain that has a crater through lava, rock fragments, hot vapor, and gas are being erupted from the earth's crust  
 12. record made by the seismograph  
 14. travels through earth's interior  
 18. act of stretching or straining