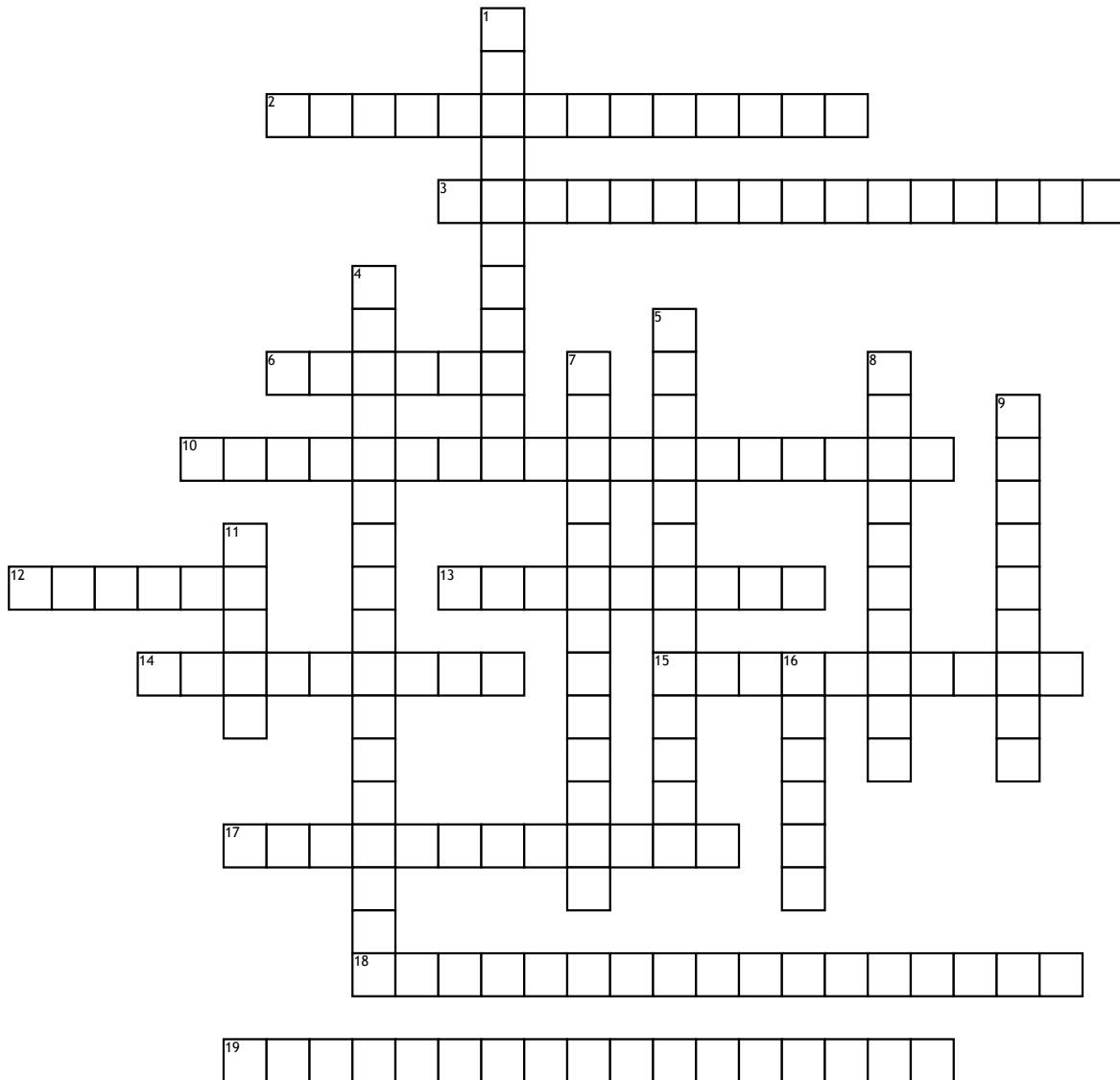


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Plate Tectonics and Topographic



## Across

2. A theory explaining the structure of the earth's crust  
 3. Theory that all continents are in constant motion  
 6. The region of the earth's interior between the crust and core  
 10. Where plates come together  
 12. Theory that all continents used to be connected  
 13. A large natural elevation of the earth's surface rising abruptly from the surrounding area  
 14. A mountain having a crater through it which lava, rocks, hot vapor, and gas erupt

15. Where continents start to split apart forming a rift valley and eventually a seaway and then an ocean. Volcanic activity and earthquakes happen in these areas.

17. Who came up with the idea of continental drift?

18. Where two plates slide along side each other

19. Where plates move apart

## Down

1. The rigid outer part of the earth consisting of crust and upper mantle

4. Cycle of fluid heating, rising, cooling, and sinking

5. New ocean floor, mountains, earthquakes, and volcanic action occur when an ocean plate spreads apart

7. The upper layer of the earth's mantle below lithosphere

8. A sudden and violent shaking of the ground

9. Who came up with the idea of plate tectonics

11. An extended break in a body of rock

16. A long narrow ditch