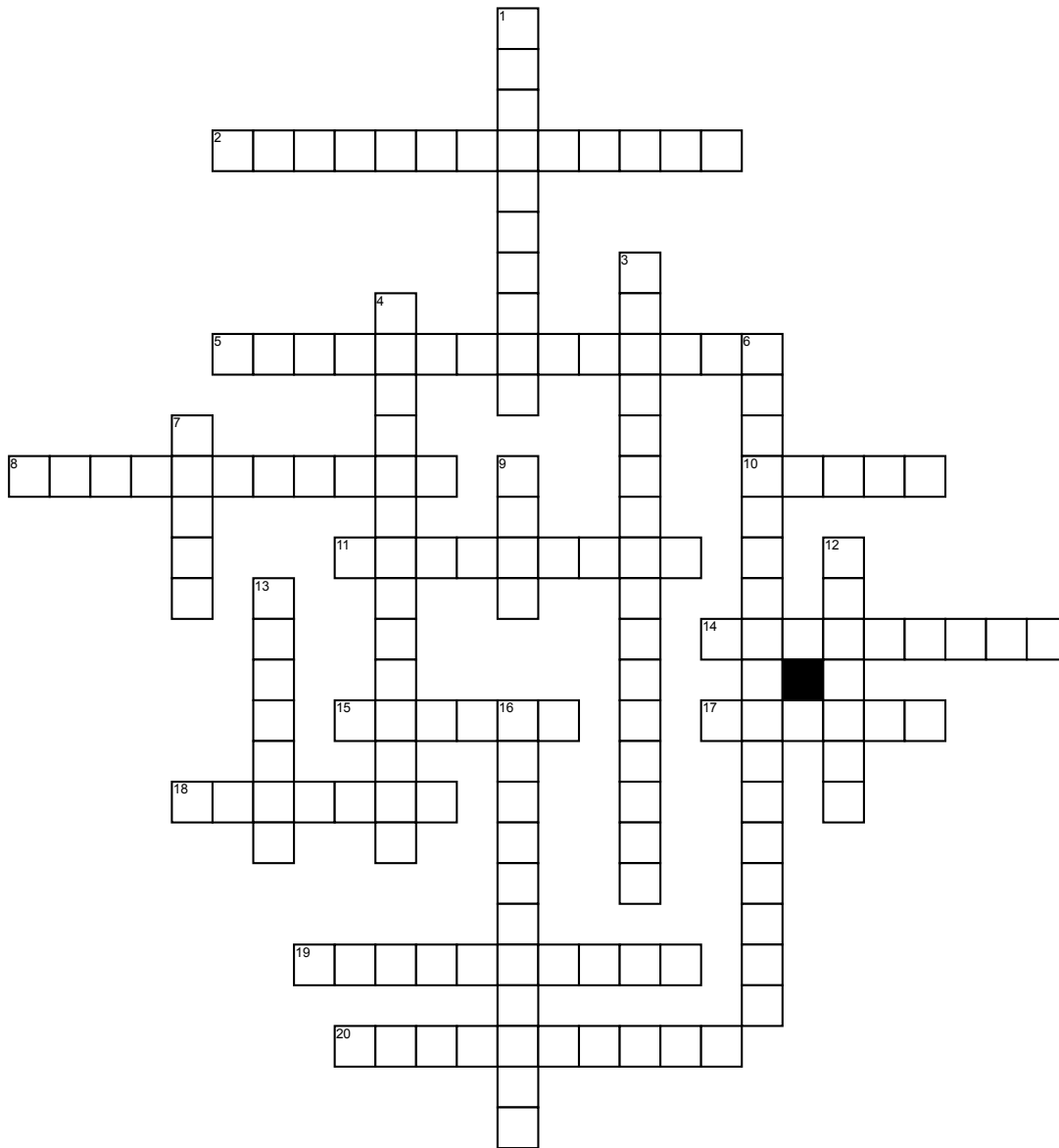


Name: \_\_\_\_\_

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

# plate tectonics vocabulary



## Across

2. What is a soft layer of the mantle on which tectonic plates move?  
 5. Theory that explains how large pieces of the Earth's outermost layer, called tectonic plates move and change?  
 8. What is stress that occurs when forces act to squeeze an object called?  
 10. What is a break in a body of rock along which one block slides relative to another called?  
 11. Boundary between two tectonic plates that are moving away from each other.  
 14. Boundary between tectonic plates that are sliding past each other horizontally.  
 15. What is the layer of rock between the crust and core?

17. What is the rising of regions of the Earth's crust to higher elevations called?

18. One huge landmass containing all continents often referred to as a super continent.

19. what is between the asthenosphere and outer, strong lower part of mantle?

20. The boundary formed by the collision of the two lithospheric plates.

## Down

1. The sinking of regions of the Earth's crust to lower elevations.

3. Hypothesis that states continents formed a single land mass, broke off and drifted to their present locations.

4. block of lithosphere that consists of crust and rigid, outermost part of mantle?

6. process by which new oceanic lithosphere forms as mantle rises to the surface and solidifies.

7. What is the outer most layer of the Earth above mantle?

9. what is the central part of the Earth below mantle

12. Stress that occurs when forces act to stretch an object.

13. What is the bending of rock layers due to stress called?

16. What is the rigid outer part of the Earth, consisting of the crust and upper mantle?