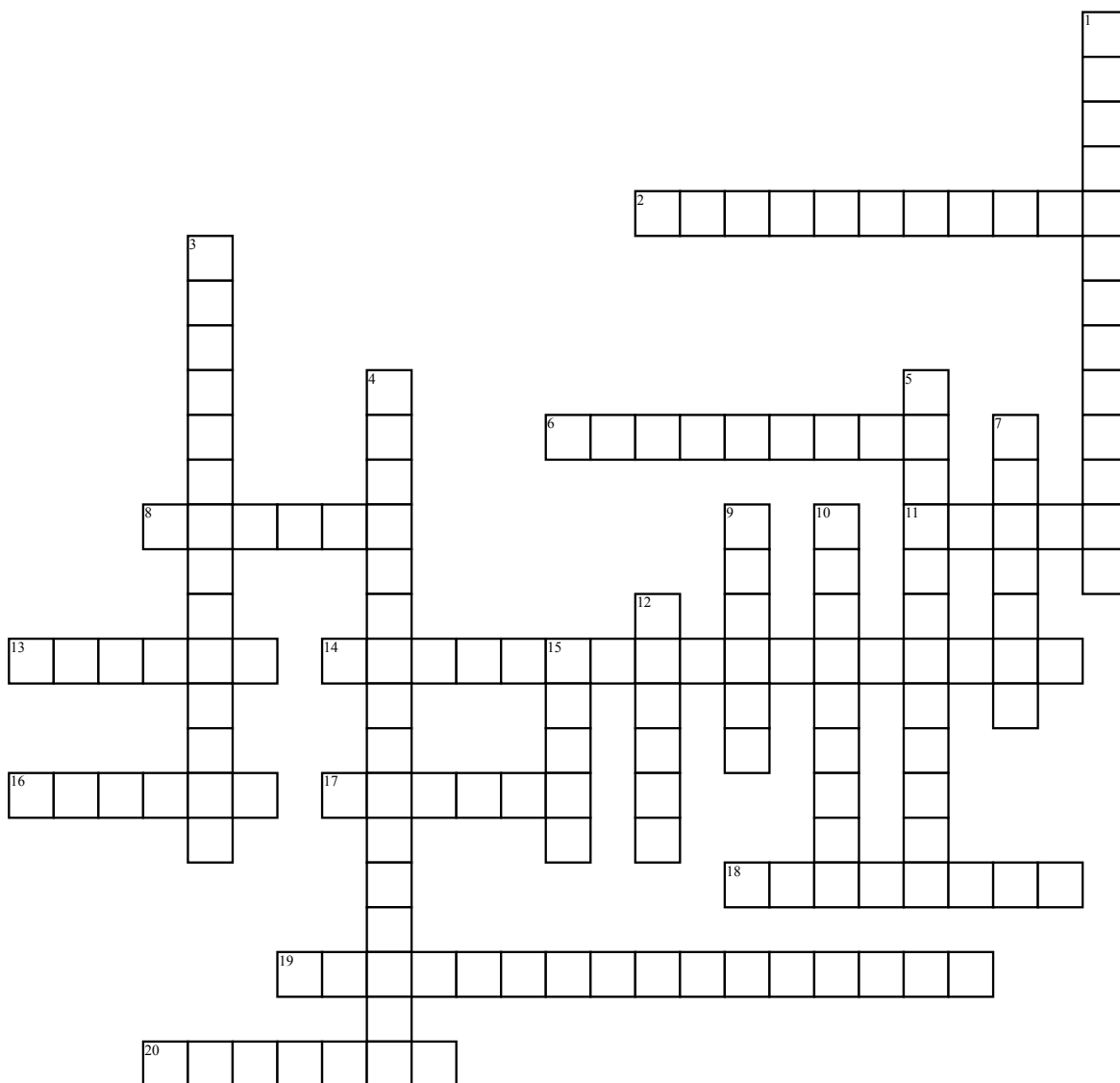


# Plate Tectonics



## **Across**

2. Uppermost part of the mantle and crust together  
 6. Dense ball of solid metal  
 8. Dark rock with fine texture  
 11. Device that bounces sound waves off underwater objects and then record the echoes of the sound waves  
 13. Any trace of an ancient organism in a rock  
 14. Deep under water canyons  
 16. Separate broken sections in lithosphere

17. Breaks in earth's crust where rocks have slipped past each other  
 18. Force pressing on an area  
 19. Well tested concept that explains a wide range of observations  
 20. Light color rock and has a coarse texture

## **Down**

1. Soft part of mantle  
 3. A ridge that is winding beneath earth's oceans  
 4. Idea of continents slowly moving over earth's surface

5. Wave produced when an earthquake occurs  
 7. Continents together forming a super continent  
 9. Layer of hot rock under the crust  
 10. Layer of molten metal that surrounds the inner core  
 12. Breaks in earth's crust where rocks have slipped past each other  
 15. Layer of rock that forms the earth's outer layer