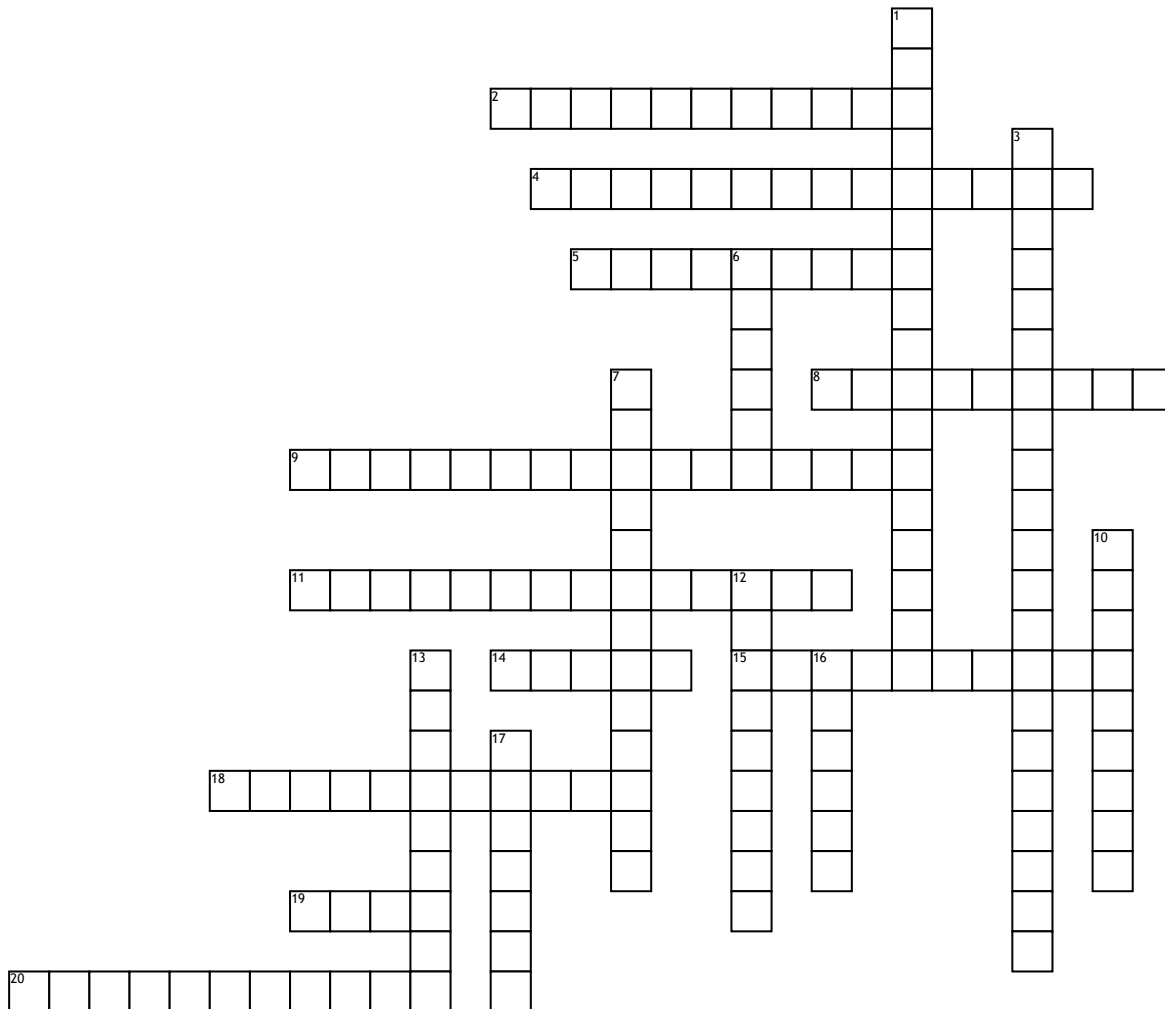


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Earth's Sphere



## Across

2. A dynamic mass of liquid that is continually on the move  
 4. individual plates that interact in various ways and thereby produce earthquakes, volcanoes, mountains, and the crust itself  
 5. The totality of life on Earth  
 8. A layer beneath the mantle about 2200 kilometers thick  
 9. The steep gradient that leads to the deep-ocean floor  
 11. The portion of seafloor that lies between the continental margin and the oceanic ridge system

14. The thin, rocky outer layer of earth

15. The gaseous portion of a planet

18. The rigid outer layer of Earth

19. A sphere composed mainly of an ironnickel alloy

20. The part of the mantle that extends from the core-mantle boundary

## Down

1. An elongated depression in the seafloor produced by bending of the oceanic crust during subduction

3. A continuous elevated zone on the floor of all the major ocean basins

6. One of numerous rigid sections of the lithosphere

7. A subdivision of the mantle

10. The solid innermost layer of Earth

12. an isolated volcanic peak that rises at least 1000 meters

13. The solid Earth

16. A solid rocky shell

17. Expansive, flat regions composed of deformed crystalline rock