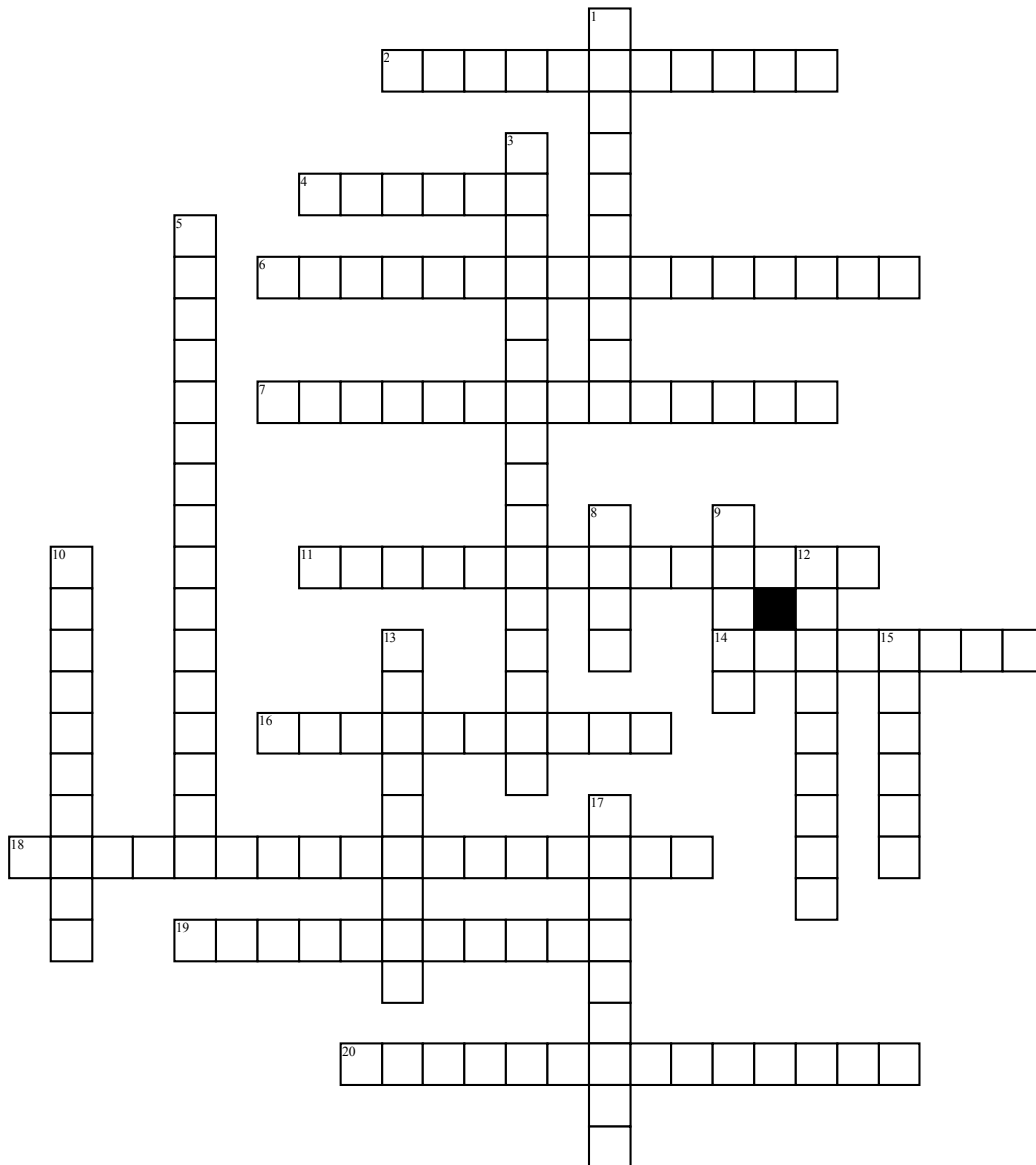


Name: \_\_\_\_\_

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

# Chapter 7



## Across

2. Device used by scientists to map bottom of ocean  
 4. Below crust  
 6. Suggests continents are moving  
 7. Mountain ranges in ocean  
 11. When compass needles orient themselves and point north  
 14. Process where dense oceanic plate sinks beneath more buoyant plate in subduction zone, pulling rest of plate that trails behind  
 16. When dense plate sink below less dense

18. Process where new oceanic crust forms on mid-ocean ridge and older crust moves away from it  
 19. Cold and outermost rock layer  
 20. Part of lithosphere that form in plates

## Down

1. Circulation of material caused by different temperatures and density  
 3. When compasses reverse direction and orient themselves to point south  
 5. Reversal of magnetic field  
 8. Below mantle

9. Outer layer of Earth  
 10. When two plates collide  
 12. When two plates slide past each other  
 13. When magma rises and pushes oceanic plates in different directions  
 15. All the continents were once part of supercontinent  
 17. When two plates separate