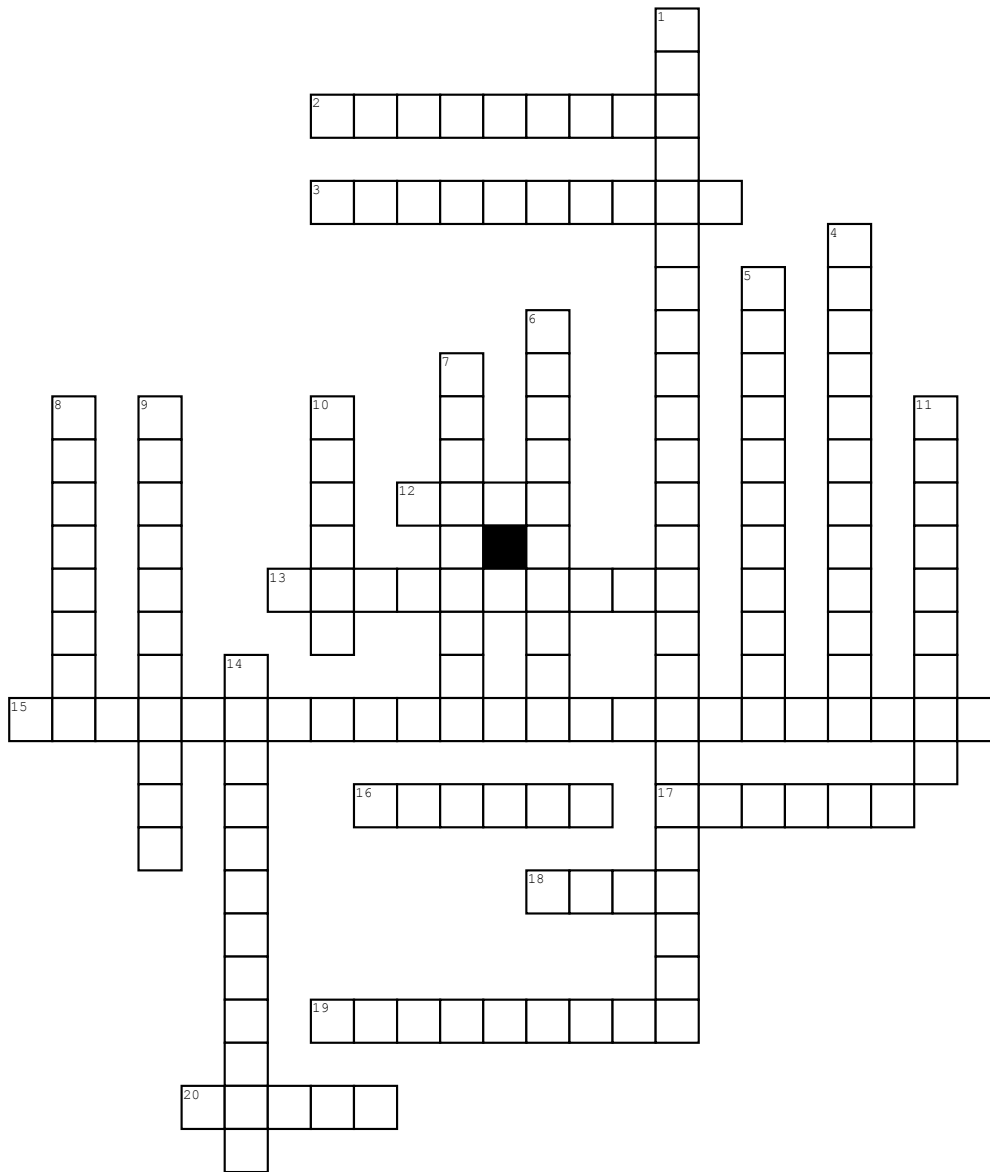


Name: \_\_\_\_\_

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

# Physical Science Vocabulary



## Across

2. a repeated back and forth or up and down motion  
 3. the distance between two corresponding parts of a wave  
 12. point of zero amplitude on a standing wave  
 13. the bending and change in speed of a wave when it enters a new medium at an angle  
 15. the interference that occurs when waves combine to create a wave with a smaller amplitude  
 16. longitudinal seismic waves that are the first to reach their destination  
 17. the ability to do work or cause change  
 18. a disturbance that transfers energy from place to place

19. the maximum distance that the particles of the medium carrying the wave move away from their rest position  
 20. the unit used to measure frequency

## Down

1. the interference that occurs when waves combine to create a wave with a larger amplitude  
 4. a wave that appears to stand in one place, even though it's two waves interfering as they pass through each other  
 5. waves created by earthquakes  
 6. an interaction in which a wave bounces off of a surface that it cannot pass through

7. an increase in the amplitude of a vibration that occurs when external vibrations match an object's natural frequency  
 8. point of maximum energy on a wave  
 9. an interaction where a wave bends and spreads out after passing through a barrier or curving around it  
 10. transverse seismic waves that are second to reach their destination  
 11. number of complete waves that pass a given point in a certain amount of time  
 14. seismic waves that travel on Earth's surface