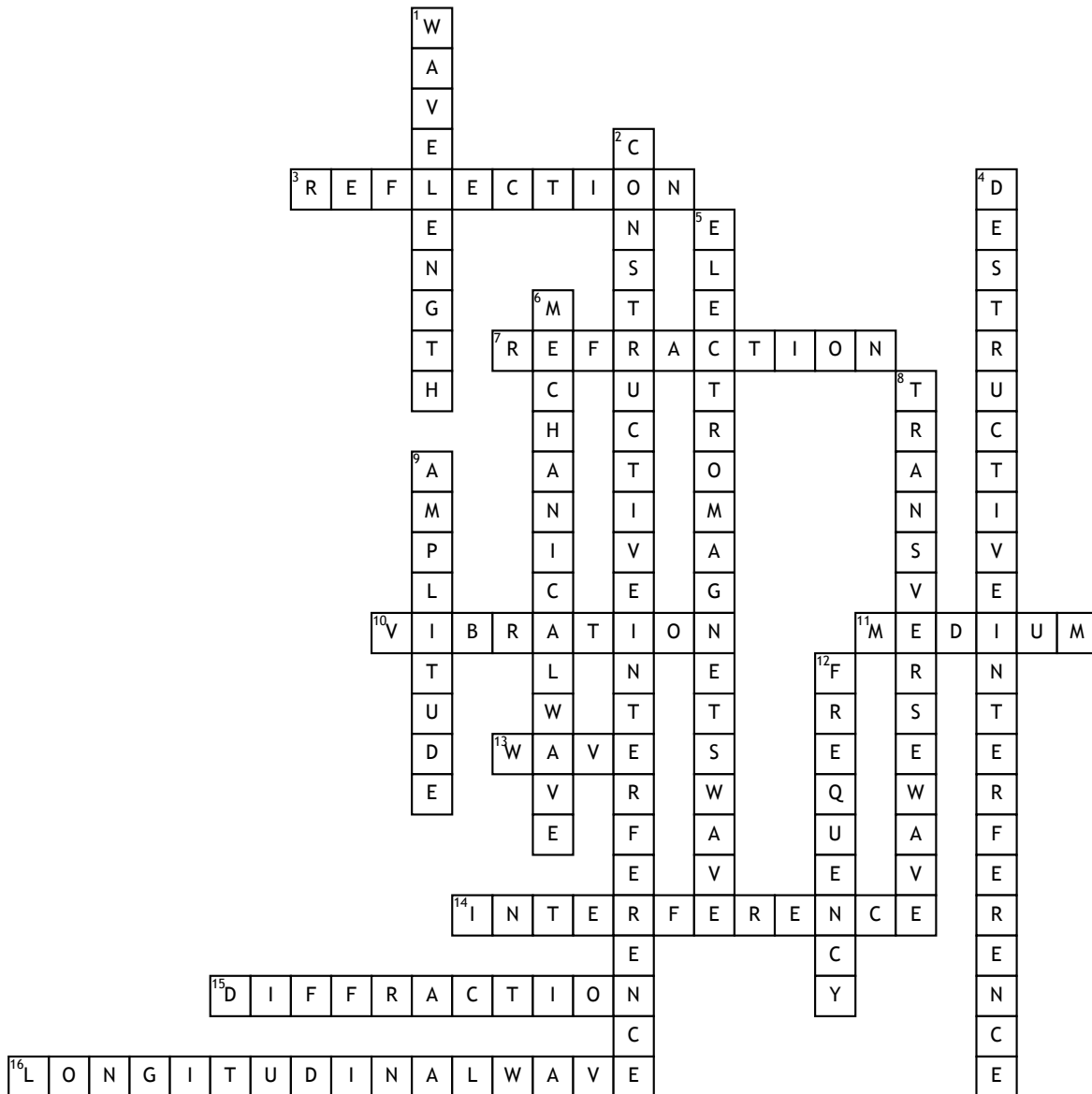


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Waves Vocabulary Crossword Puzzle



## Across

3. occurs when a wave bounces back after striking something  
 7. occurs when a wave passes from one medium into another and changes direction  
 10. a repeated back and forth movement of matter; often necessary to produce waves  
 11. a substance or matter through which a wave travels  
 13. a traveling disturbance that carries energy through matter and space  
 14. the ability for two waves to combine and make a new wave when they overlap

15. is the bending of waves around a barrier or object

16. a type of wave in which particles of the medium vibrate back and forth

## Down

1. the distance between any two adjacent (side by side) wave crests or two adjacent wave  
 2. wave interface that forms a larger wave when two wave amplitudes overlap  
 4. wave interference that can form a smaller wave or cancel each other out when two wave amplitudes meet

5. waves that move through empty space (Vacuum) or use matter to transfer energy

6. waves that use matter to move or transfer energy

8. a type of wave in which particles move across or perpendicular to the direction the wave is traveling

9. the distance between a wave's resting point and its trough or crest

12. the number of complete waves that pass a point in a certain time period