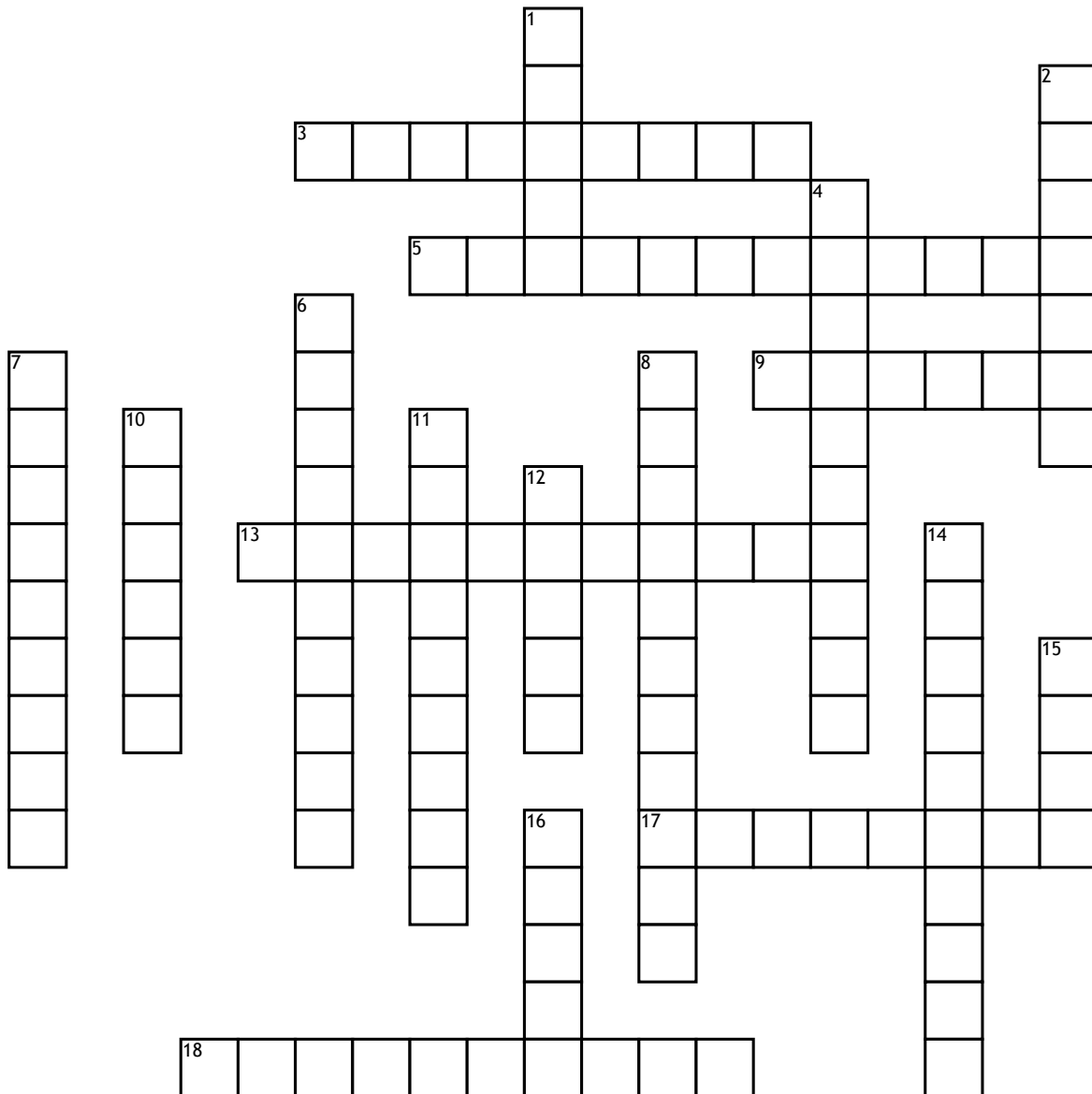


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Wave Crossword Puzzle



## Across

- 3. an object's higher natural frequencies
- 5. the use of reflected sound to determine distances or locate objects
- 9. material through which the wave travels
- 13. part where coils are close in a longitudinal wave
- 17. points of maximum amplitude on a standing wave
- 18. the bending of waves due to a change in speed

## Down

- 1. a description of how low or high a sound seems to a person
- 2. earthquakes that occur underwater
- 4. the distance between two corresponding parts of a wave
- 6. radio waves with the shortest wavelength and highest frequency
- 7. the increase of a vibration's amplitude when external vibrations match an object's natural frequency

- 8. instruments used to record ground movements caused by seismic waves as they move through earth
- 10. low part of a transverse wave
- 11. maximum distance that the particles of a medium move away from the rest position
- 12. the unit which frequency is measured with
- 14. an image that shows regions of different temperatures in different colors
- 15. a disturbance that transfers energy from place to place
- 16. high part of a transverse wave