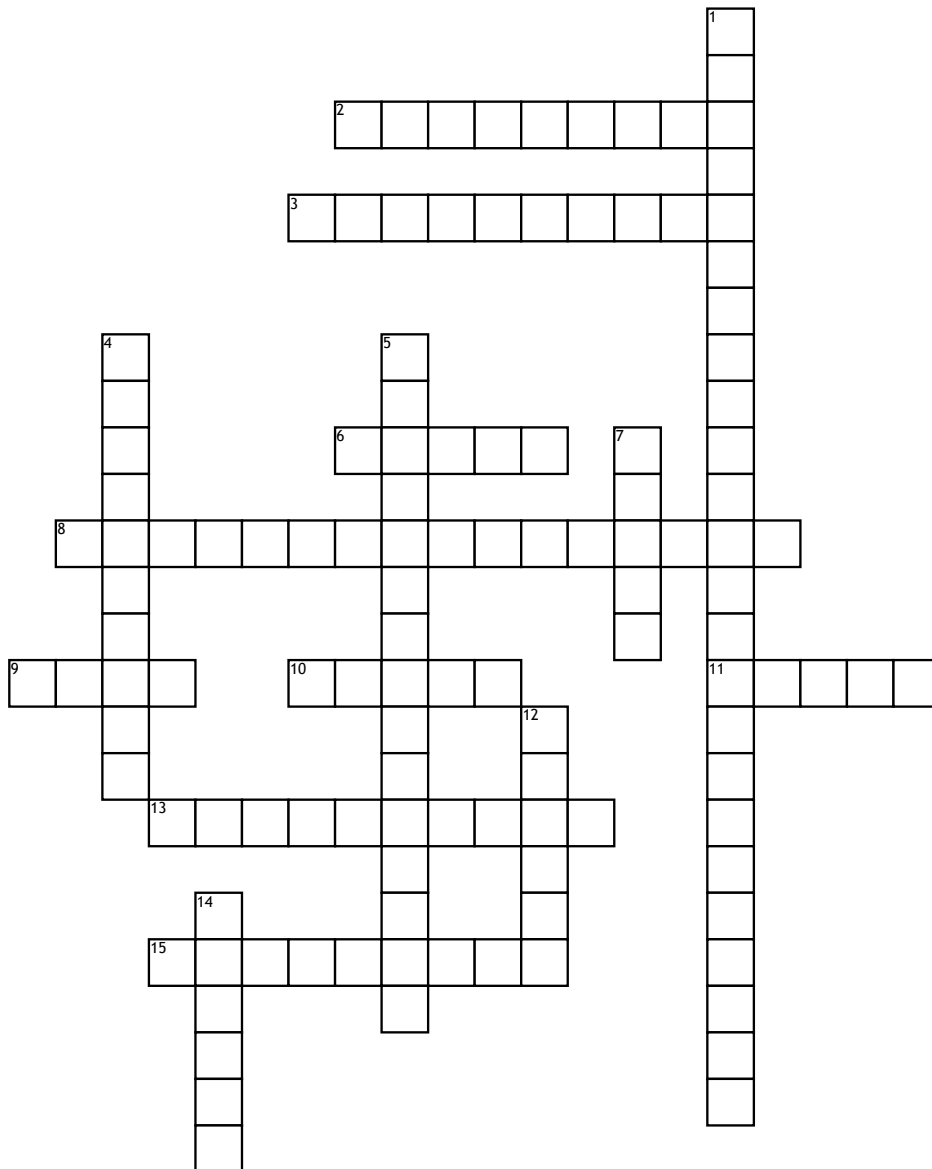


Name: \_\_\_\_\_

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

# science Crossword



## Across

- 2. the height of a wave crest or depth of a wave trough
- 3. is the distance from crest to crest or from trough to trough
- 6. the waves that reflect from an object can show the location the speed of the object
- 8. matter in the medium moves back and forth along the same direction that the wave travels
- 9. this is a disturbance or movement that transfers energy through matter or space
- 10. is a push or pull on an object

11. this is the highest point in a wave

13. this is two types of electromagnetic radiation that have the longest wavelength and lowest energy and frequency compared to all other types

15. this is the number of repetitions is usually measured in hertz

## Down

1. this is the transmission of energy in the form of waves that extend from the longer radio waves to the shortest gamma rays

4. they have the shortest wavelength and the highest frequency

5. matter in the medium moves up and down perpendicular to the direction that the wave travels

7. this is a type of electromagnetic radiation that has much shorter wavelength and higher energy

12. this is the capacity to apply force over a distance

14. this is the lowest point in a wave