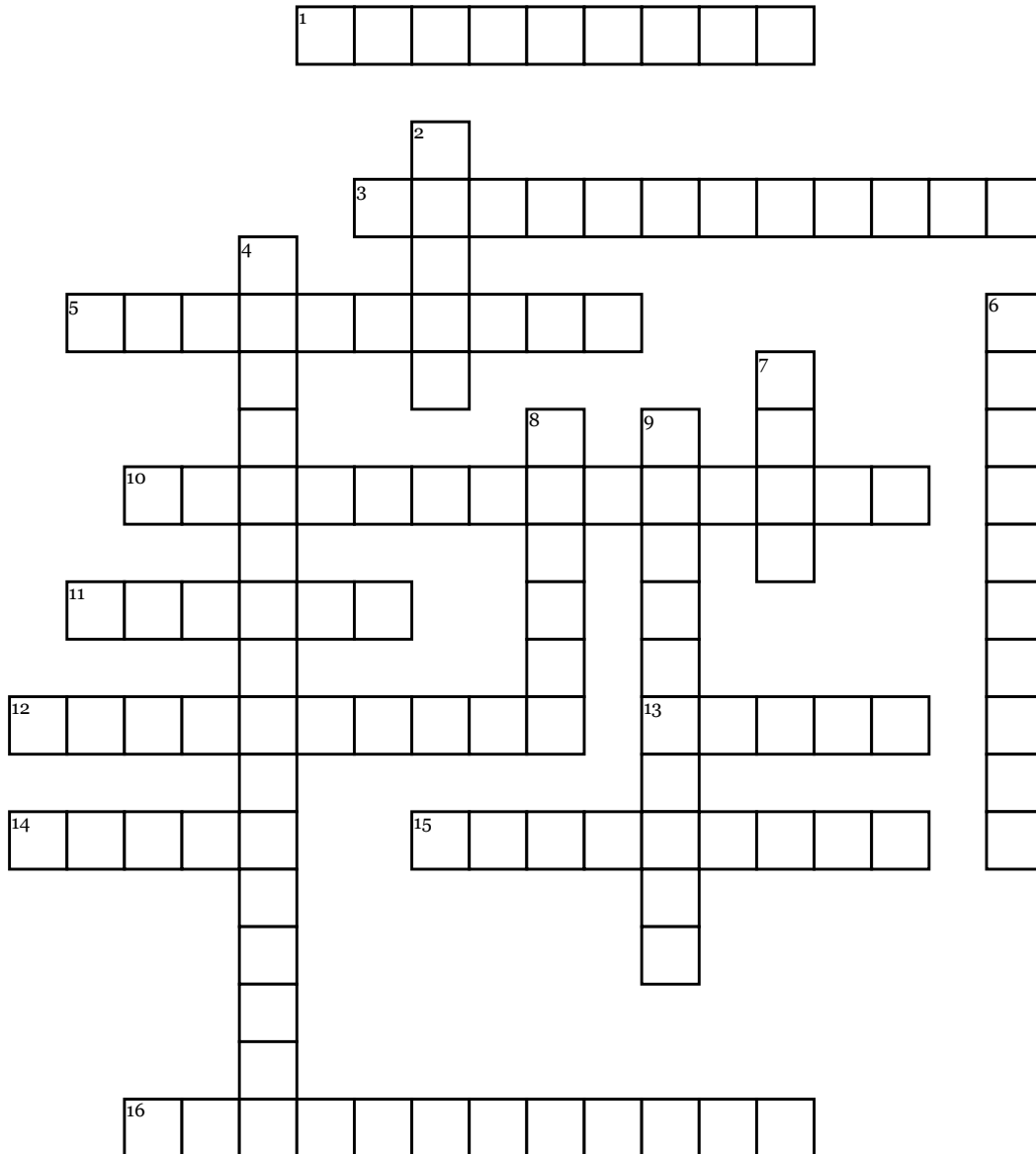


Name: \_\_\_\_\_

# Science Chapter 4&5 CrossWord



## Across

1. \_\_\_\_\_ is the number of repetitive motions, or oscillations, that occur.
3. \_\_\_\_\_ is between the crest and the trough
5. \_\_\_\_\_ occurs when a light waves hits an object and bounces off.
10. In a \_\_\_\_\_, matter in the medium moves up and down.
11. Ocean waves move through water to reach the shore and matter the waves travel through is called a \_\_\_\_\_

12. \_\_\_\_\_ is the distance from crest to crest.
13. A \_\_\_\_\_ is the highest point in a wave.
14. \_\_\_\_\_ is a type of wave that travels through empty space.
15. \_\_\_\_\_ is the height of a wave crest from the rest point.
16. \_\_\_\_\_ is a wave that you can see

## Down

2. Frequency is measured in units called \_\_\_\_\_

4. \_\_\_\_\_ are a type of electromagnetic radiation that, relative to light, and has a shorter wavelength.
6. \_\_\_\_\_ have the shortest wavelength and the highest frequency of all the radio waves.
7. \_\_\_\_\_ are a type of electromagnetic radiation the have a much shorter wavelength and higher energy and frequency the ultraviolet waves
8. A \_\_\_\_\_ is the lowest point in a wave.
9. \_\_\_\_\_ is the changing direction of a wave as it passes from one material to another.