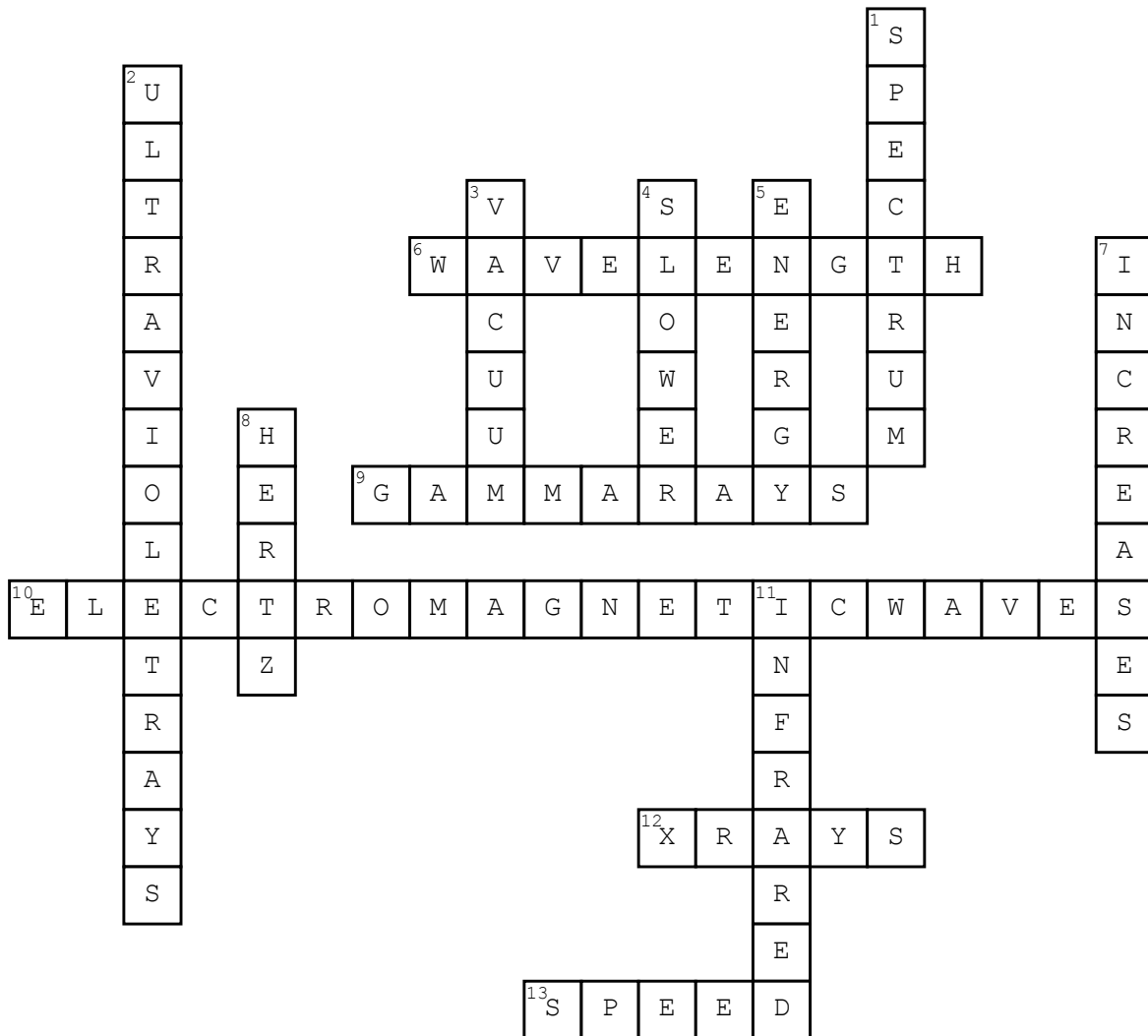


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Electromagnetic Waves



## Across

6. \_\_\_\_\_ is measured in meters
9. What type of EM wave has the shortest wavelength?
10. Transmit energy through a vacuum
12. Used to screen passengers at airports

13. The letter c is considered the \_\_\_\_ of light.

## Down

1. Range of all types of EM radiation
2. Reason skin tans and burns
3. Empty space
4. Speed through a non-vacuum is slightly \_\_\_\_\_.

5. \_\_\_\_\_ increases as frequency increases
7. As frequency decreases, wavelength \_\_\_\_\_.
8. Frequency is usually measured in \_\_\_\_\_.
11. The human body emits \_\_\_\_\_ waves.