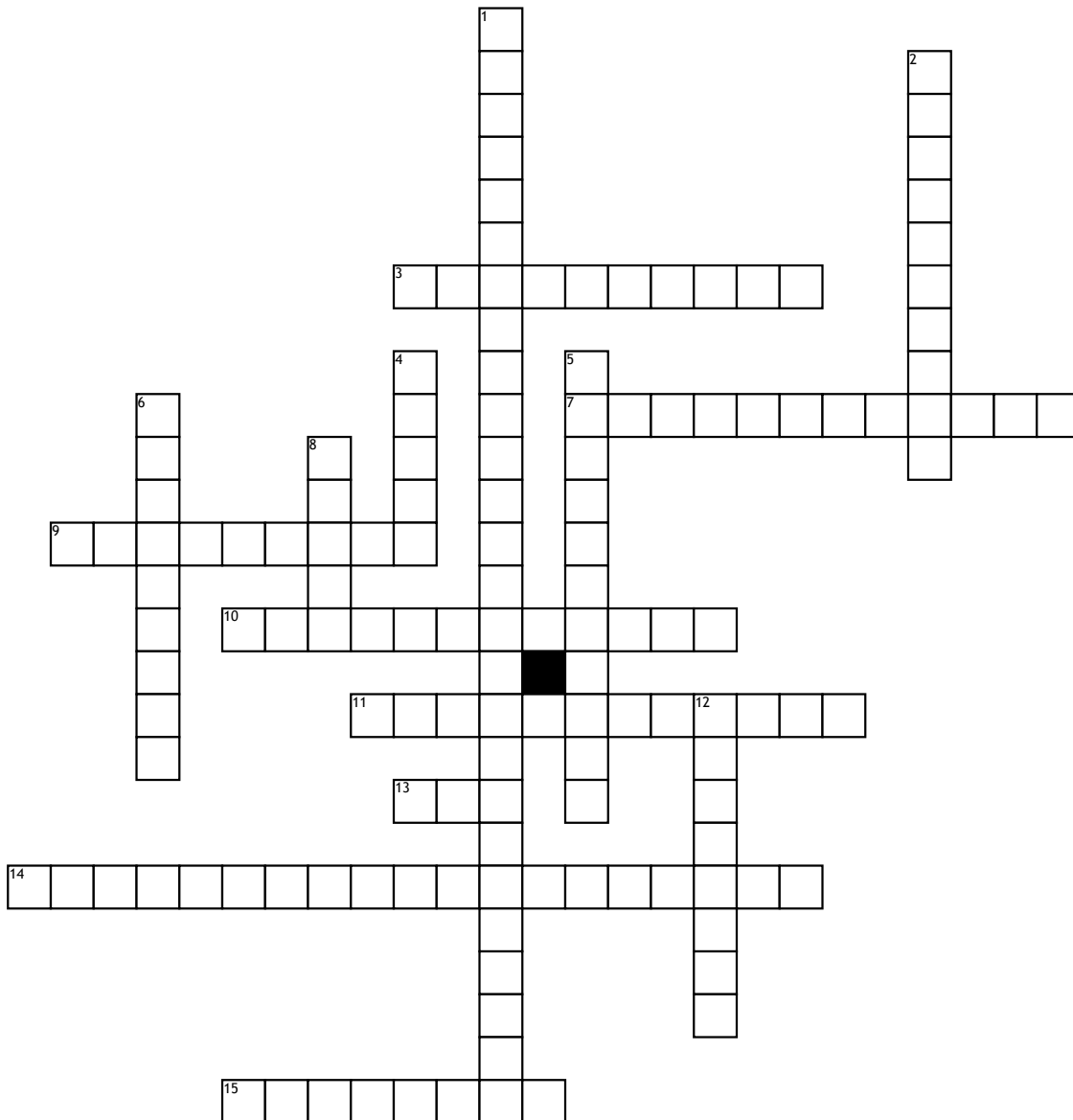


Name: \_\_\_\_\_

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

# Electromagnetic waves crossword



## Across

- 3. Electromagnetic wave that is used for heating foods
- 7. Dose the color red have a high frequency or low frequency
- 9. Electromagnetic waves that have the highest frequency and lowest wavelength
- 10. which E wave is involved in photosynthesis
- 11. Which electromagnetic waves are used to detect forgery and are the cause of sun tan

- 13. Can electromagnetic waves travel without a medium?
  - 14. Type of wave that have an Electric field and magnetic feild
  - 15. at what speed do all the waves travel in a vacuum
- ## Down
- 1. the range of wavelengths or frequencies over which electromagnetic radiation extend
  - 2. A electromagnetic wave that has the highest wavelength and lowest frequency

- 4. which E wave is used to detect bombs in purses
- 5. Hospitals use these to sterilize surgical equipment
- 6. which E wave is involved in a nuclear fusion
- 8. Electromagnetic waves that are used to view images of the bones and other structures in the body
- 12. Which electromagnetic waves are used for heat treatment for illness?