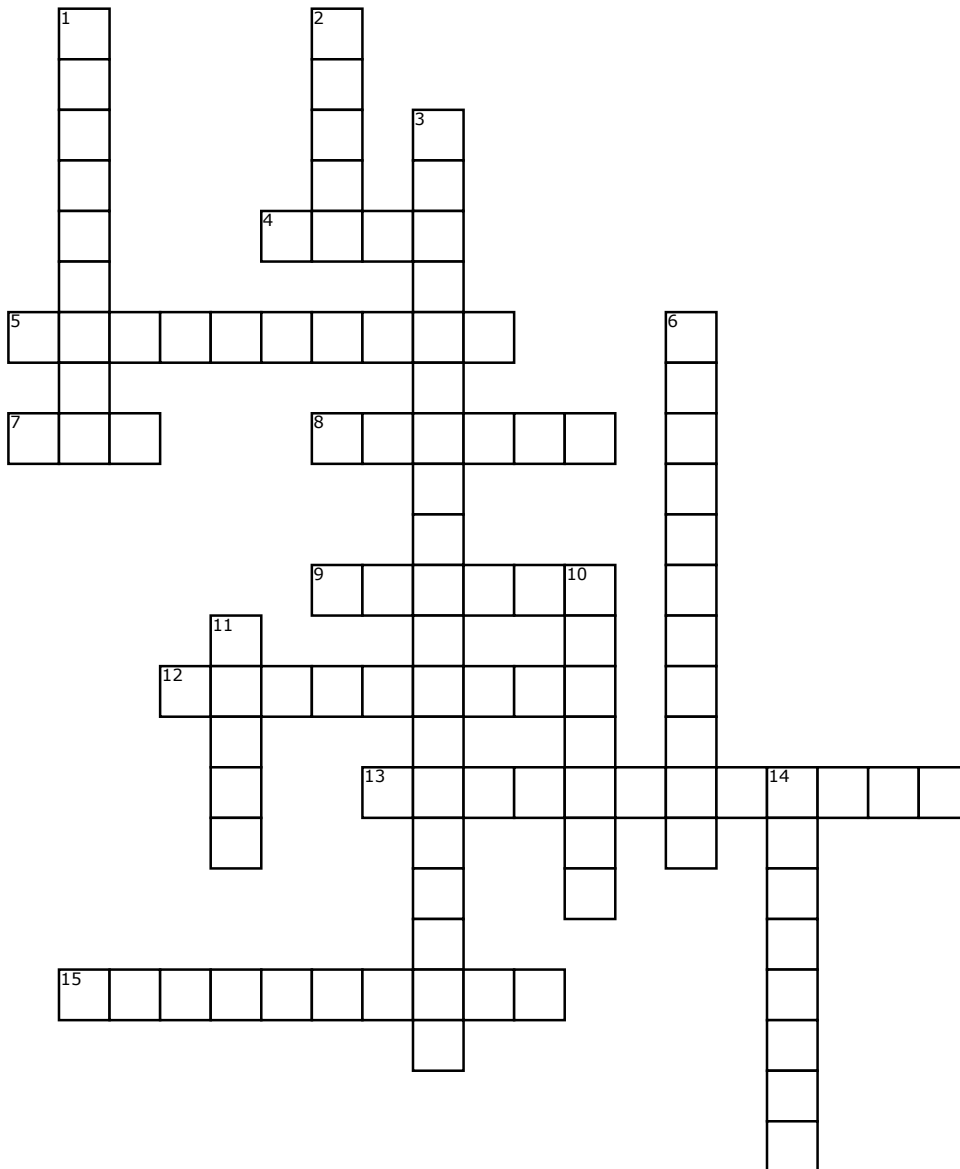


Electromagnetic Spectrum



Across

- 4.** Produced by something that vibrates, and carry energy from one place to another
- 5.** Distance from one crest to another
- 7.** Color with the longest wavelength
- 8.** Color with the shortest wavelength
- 9.** Order of visible light from greatest to lowest frequency
- 12.** The rate at which a wave occurs

13. Range of electromagnetic waves you can detect with your eyes

15. Low frequency electromagnetic waves

Down

- 1.** Wave used in microwaves ovens
- 2.** Highest frequency electromagnetic waves
- 3.** Made by vibrating charges and can travel through space where matter is not present

6. Electromagnetic waves in the sun that can cause skin damage when overexposed to it

10. Order of visible light from lowest to highest frequency

11. These waves are used to form images of internal organs, bones, and teeth

14. Electromagnetic wave that transmits thermal energy