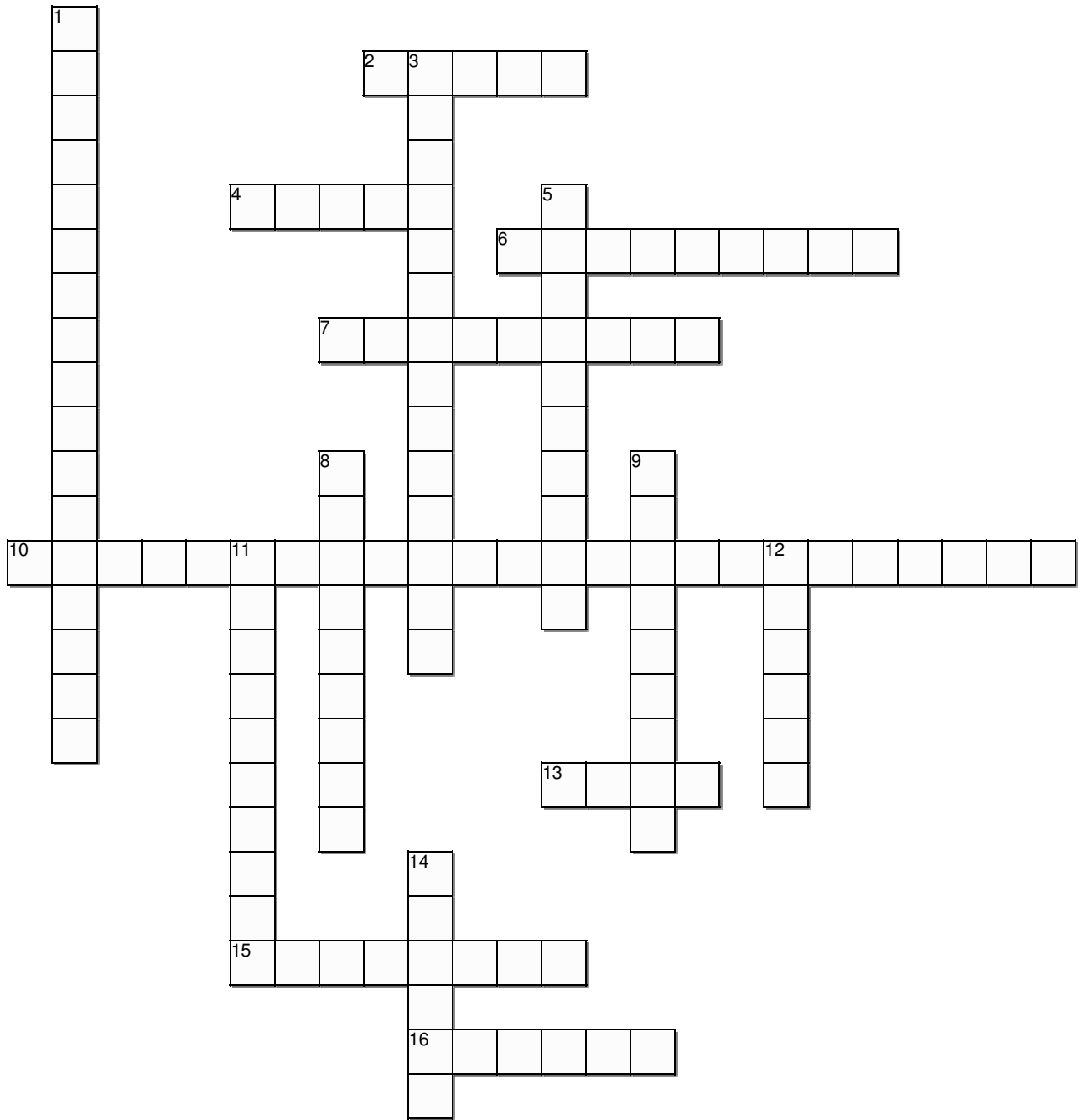


Name: _____

Electromagnetic Spectrum Crossword

Use the clues to complete the puzzle!



Across

- 2.** Electromagnetic radiation that has a wavelength in the range from about 4,000 (violet) to about 7,700 (red) angstroms and may be perceived by the normal unaided human eye
- 4.** A method of detecting distant objects and determining their position, velocity, or other characteristics by analysis of very high frequency radio waves reflected from their surfaces
- 6.** Energy radiated or transmitted as rays, waves, in the form of particles
- 7.** The property or condition of occurring at frequent intervals
- 10.** The entire range of radiation in order of decreasing frequency, cosmic-ray photons, gamma rays, x-rays, ultraviolet radiation, visible light, infrared radiation, microwaves, and radio waves
- 13.** To have an undulating or wavy form; curve or curl
- 15.** A stable subatomic particle with a negative electric charge
- 16.** the capacity for work or vigorous activity; vigor; power

Down

- 1.** Ultraviolet light or the ultraviolet part of the spectrum.
- 3.** relating to the range of invisible radiation wavelengths
- 5.** The distance between one peak or crest of a wave of light, heat, or other energy and the next corresponding peak or crest
- 8.** Electromagnetic radiation emitted by radioactive decay
- 9.** A high-frequency electromagnetic wave, one millimeter to one meter in wavelength, intermediate between infrared and short-wave radio wavelengths
- 11.** An electromagnetic wave within the range of radio frequencies
- 12.** The quantum of electromagnetic energy, regarded as a discrete particle having zero mass, no electric charge, and an indefinitely long lifetime
- 14.** Something that occupies space and can be perceived by one or more senses