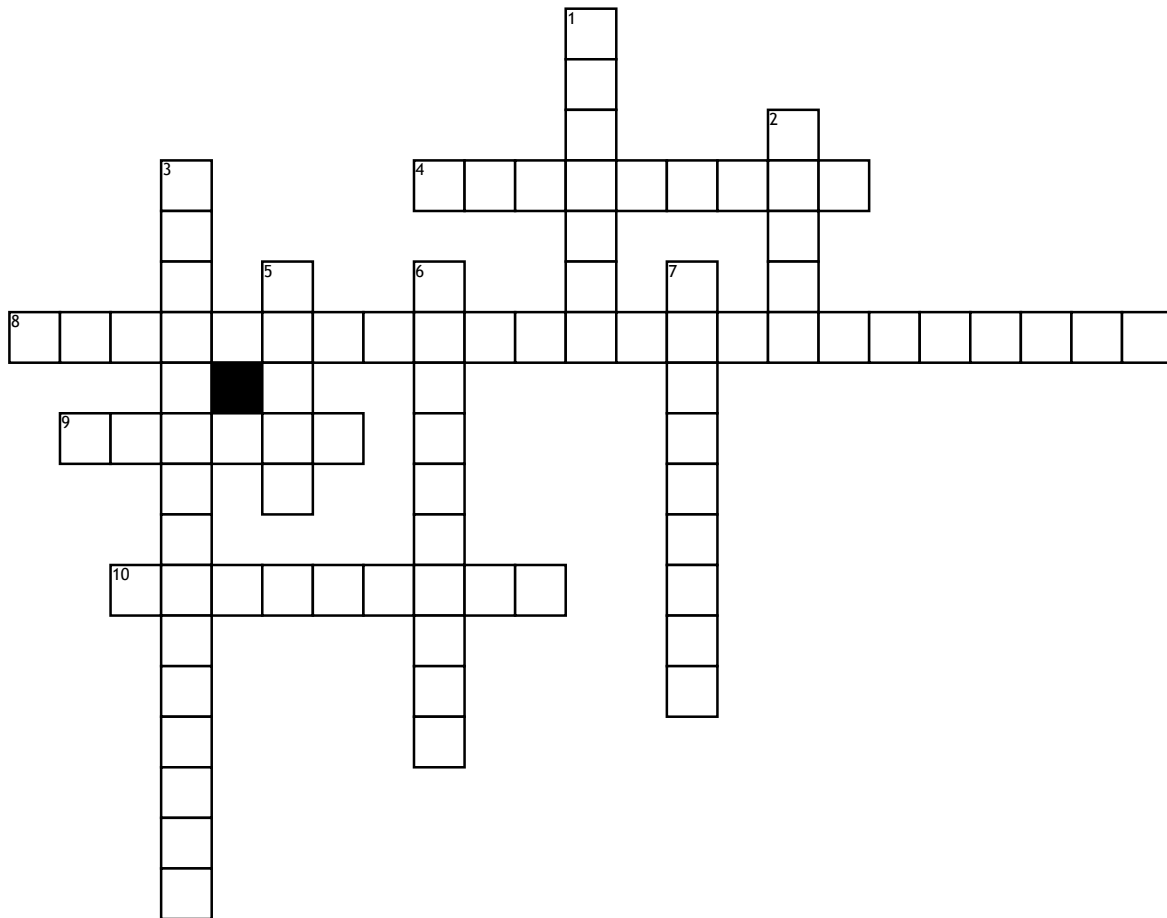


Name: _____

Date: _____

Electromagnetic Radiation



Across

4. the emission of energy as electromagnetic waves or as moving subatomic particles, especially high-energy particles which cause ionization.
8. the range of wave length or frequencies over which electromagnetic radiation extends.
9. Used to sterilize medical equipment, and create vitamin D and calcium.
10. Used to kill bacteria in food and to fight/kill cancer or tumor cells

Down

1. 4th longest wavelength and 4th lowest frequency; gives us the colors we see every day.
2. What is in the ocean that uses radiation?
3. relating to the interrelation of electric currents or fields and magnetic fields
5. Useful in medical fields to find broken bones.
6. longest wave length, lowest frequency and used for tv and radios
7. What radiation is used when popping popcorn?