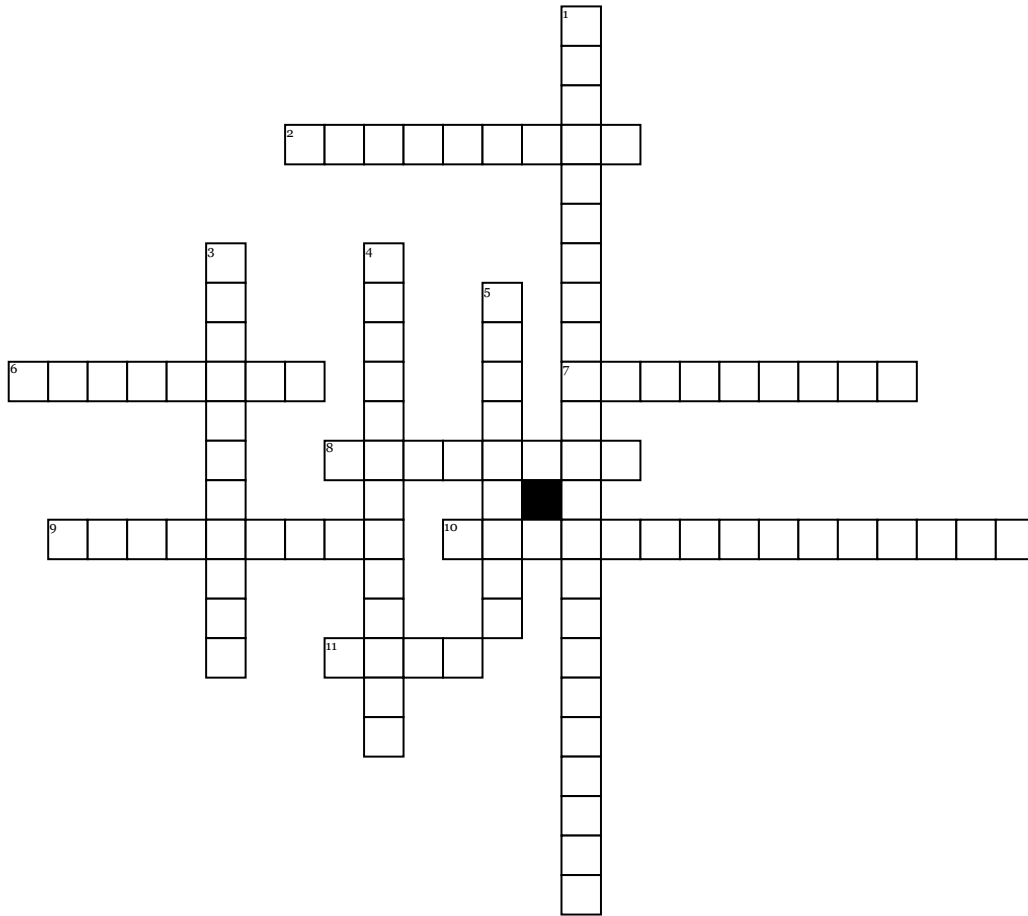


waves



Across

- 2. Visible light makes up just a small part of the full electromagnetic spectrum.
- 6. The full range of wavelengths of electromagnetic radiation is called the electromagnetic
- 7. smallest wavelengths and the most energy of any wave in the electromagnetic spectrum.
- 8. electromagnetic radiation of a particular wavelength or color that we have named
- 9. form of electromagnetic radiation with wavelengths ranging from about one meter to one millimeter
- 10. Electromagnetic radiation in this range of wavelengths is called

- 11. form of electromagnetic radiation, similar to light but of shorter wavelength and capable of penetrating solids and of ionizing gases.

Down

- 1. the range of wavelengths or frequencies over which electromagnetic radiation extends.
- 3. light has shorter wavelengths than visible light.
- 4. energy that travels by waves or particles, particularly electromagnetic radiation such as heat or x-rays.
- 5. Energy that travels across space as well as through matter is called electromagnetic

Word Bank

- | | | |
|----------------|--------------------------|-----------|
| Radiant energy | visible spectrum | radiation |
| Ultraviolet | x-ray | Microwave |
| frequency | Gamma rays | Infrared |
| spectrum | electromagnetic spectrum | |