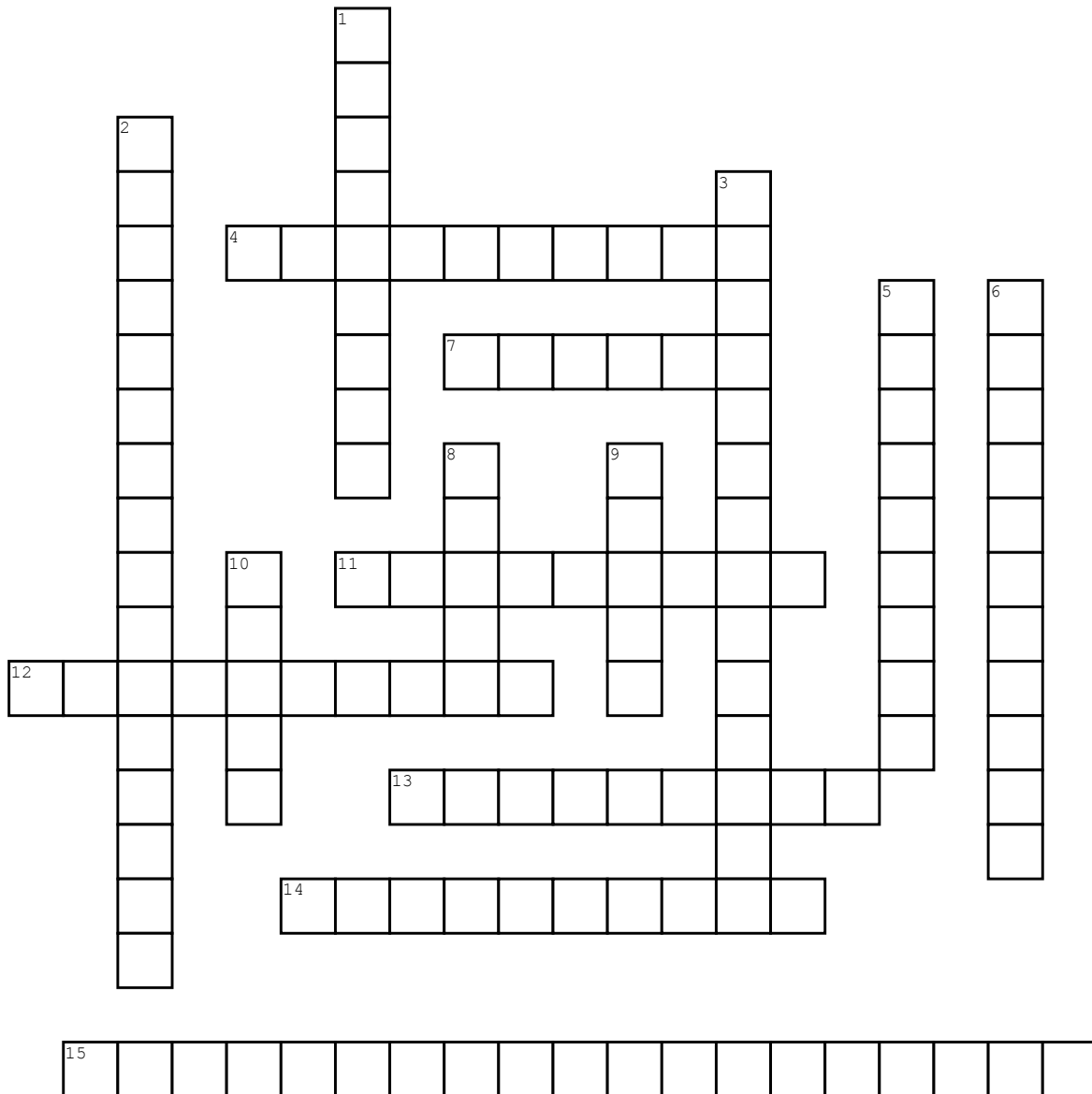


Name: _____

Waves



Across

- 4.** A wave vibrating at right angles to the direction of its propagation
7. Lowest point of a wave
11. the number of times that a wave, especially a light, sound, or radio wave, is produced within a particular period, especially one second
12. Is the ability of the material to bounce back after being disturbed
13. An electromagnetic wave with a wavelength in the range 0.001-0.3m

- 14.** Travel at different velocities depending on the medium
15. Waves that are created as a result of vibrations between an electric field and magnetic field

Down

- 1.** An instance of vibrating
2. A wave vibrating in the direction of propagation
3. Is a disturbance in matter that transfers energy through the matter

- 5.** The extent of a vibratory movement measured from the mean position to an extreme
6. Is also the factor that affects the speed of sound
8. Is a point in the cycle where maximum or peak amplitude exist
9. Of Sound is also dependent on how big the particles of the substance are
10. Highness or lowness of a sound