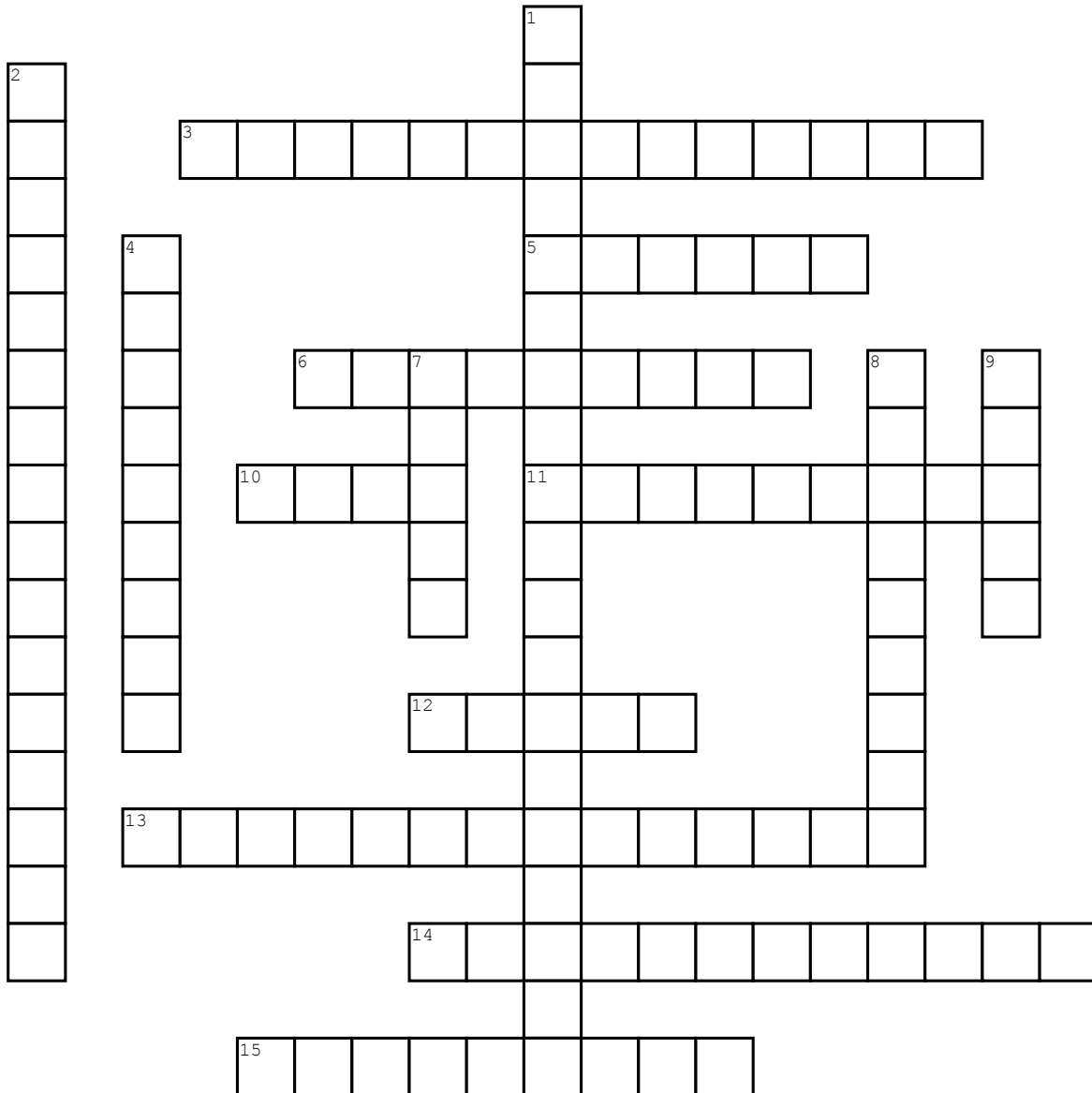


# WAVES



**Across**

- 3. is a moving wave that consists of oscillations occurring perpendicular to the direction of energy transfer
- 5. minimum or lowest point in a cycle
- 6. electromagnetic wave with a wavelength in the range of 0.001-0.3m
- 10. the disturbance that travelling through a medium or vacuum
- 11. is the maximum displacement of points on a wave

- 12. highness and lowness of a sound
- 13. is a disturbance in matter that transfers energy through matter
- 14. is the moving of electromagnetic waves of light
- 15. is the number of occurrences of a repeating event per unit of time

**Down**

- 1. waves are waves that are created as a result of vibrations between an electric field and a magnetic field.

- 2. a wave vibrating in the direction of propagation
- 4. is the mechanical oscillations of an object about an equilibrium point
- 7. point of a wave with the maximum value of upward displacement within a cycle
- 8. is a wave caused by vibration
- 9. the distance travelled by a body in the given time