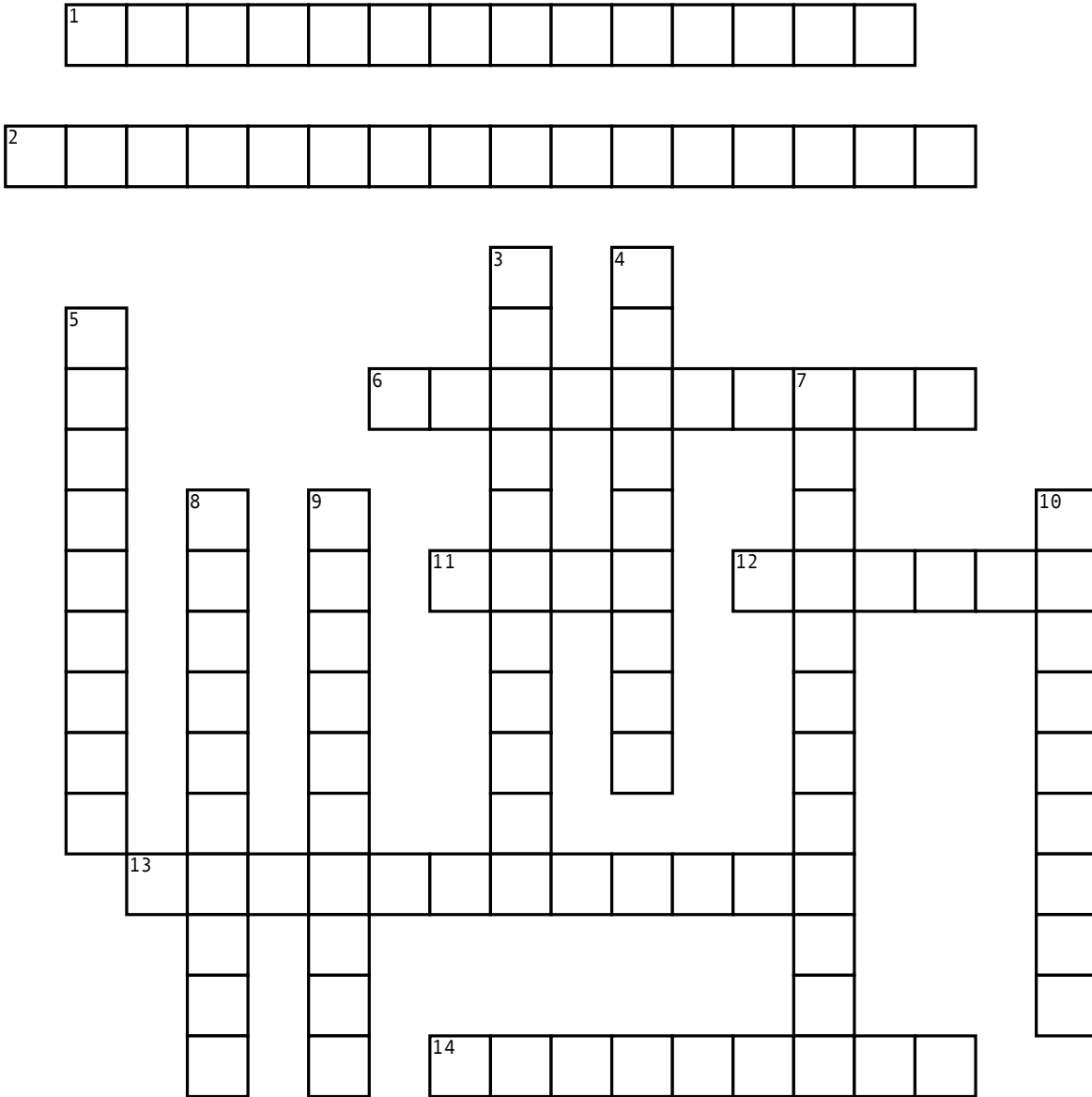


Waves



Across

- 1. A wave in which the particles of the waves medium vibrate perpendicular to the direction the wave is traveling.
- 2. A wave in which the particles of the medium vibrate back and forth along the path that the wave travels.
- 6. The bouncing back of a wave after it strikes a barrier or an object.
- 11. A disturbance that transmits energy through matter or space.

- 12. A substance through which a wave can travel.
- 13. A wave that forms a stationary pattern in which portions of the wave do not move and other portions with a large amplitude.
- 14. The speed at which a wave travels.

Down

- 3. The bending waves around a barrier or through an opening.
- 4. The number of waves produced in a given amount of time.

- 5. What occurs when an object vibrating at or near a resonant frequency of the subject object causes the second object to vibrate.
- 7. A wave interaction that occurs when 2 or more waves overlap.
- 8. The bending of a wave as it passes at an angle from one medium to another.
- 9. The distance between one point on a wave and the corresponding point on an adjacent wave in a series of waves.
- 10. The maximum distance a wave vibrates from its rest position.