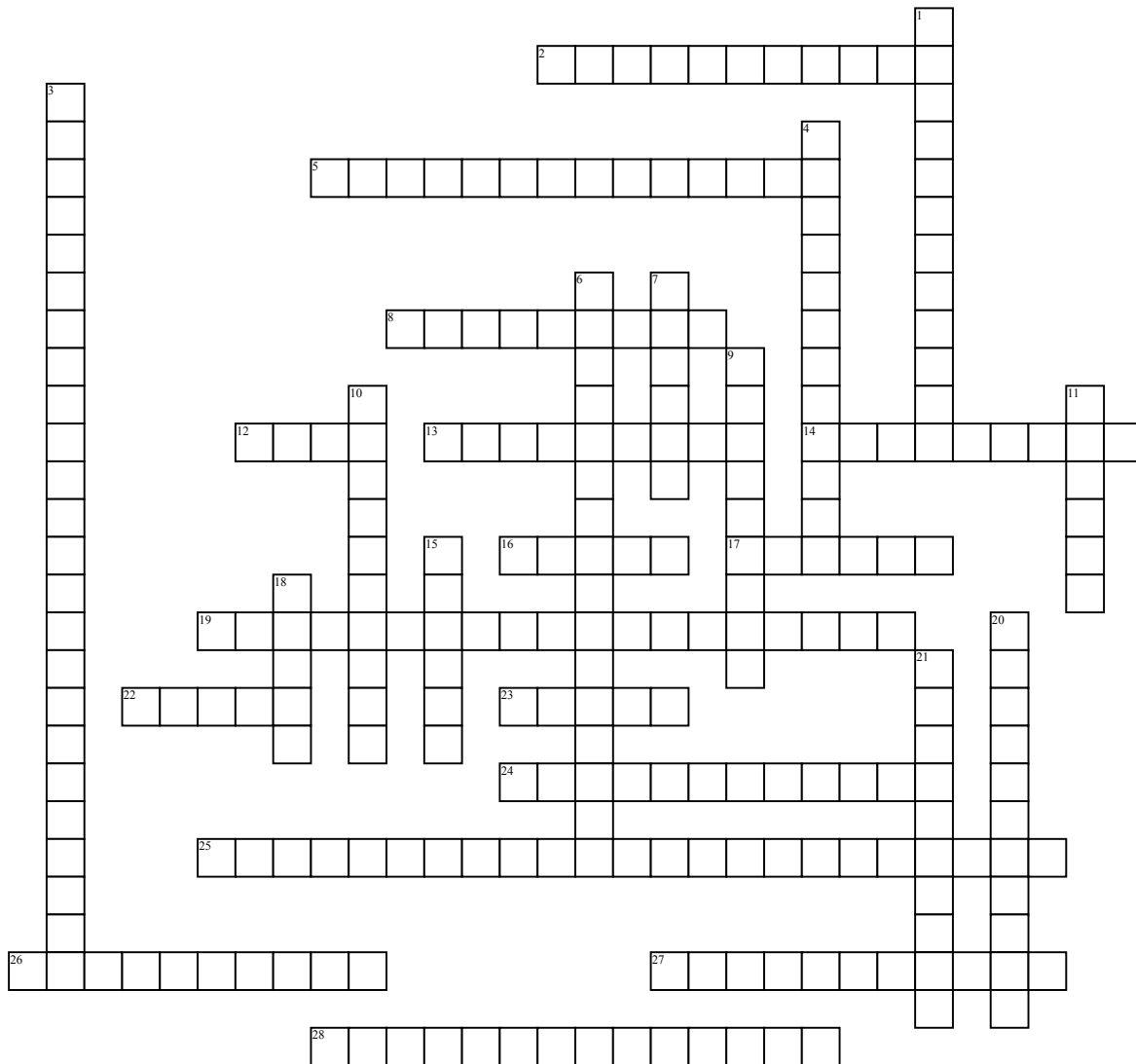


Waves Unit



Across

- 2. The action of compressing or being compressed.
- 5. A wave in which the disturbance moves perpendicular to the direction the wave travels.
- 8. 14. The position of maximum displacement in a standing wave system.
- 12. An oscillation accompanied by a transfer of energy.
- 13. The height of a wave.
- 14. The speed at which a wave travels.
- 16. A point at which lines or pathways intersect.
- 17. The property that is transferred in a wave.
- 19. A wave formed by the vibrations of electric and magnetic fields.
- 22. The highest point of a wave.

- 23. A single disturbance that travels through a medium.
- 24. A vibration of a system in which some points remain fixed while others vibrate with a maximum amplitude
- 25. When the crest of one wave meets the trough of another.
- 26. The fact or phenomenon of light.
- 27. Diminution in the density of some thing.
- 28. A wave that is an oscillation of matter and therefore transfers energy through a medium.

Down

- 1. The meeting or combining of waves.
- 3. When two waves meet and their crests line up together.
- 4. Motion repeated in equal intervals of time.

- 6. A wave vibrating in the direction of propagation.
- 7. A substance that makes it possible to transfer energy from one location to another.
- 9. The number of waves that pass a fixed point in a given amount of .
- 10. The throwing back by a body or surface.
- 11. The time it takes to complete a whole cycle.
- 15. The lowest point of a wave.
- 18. SI unit of frequency.
- 20. A system of waves spread out as a result of passing through a narrow aperture or across an edge.
- 21. The distance between the crests of a wave.