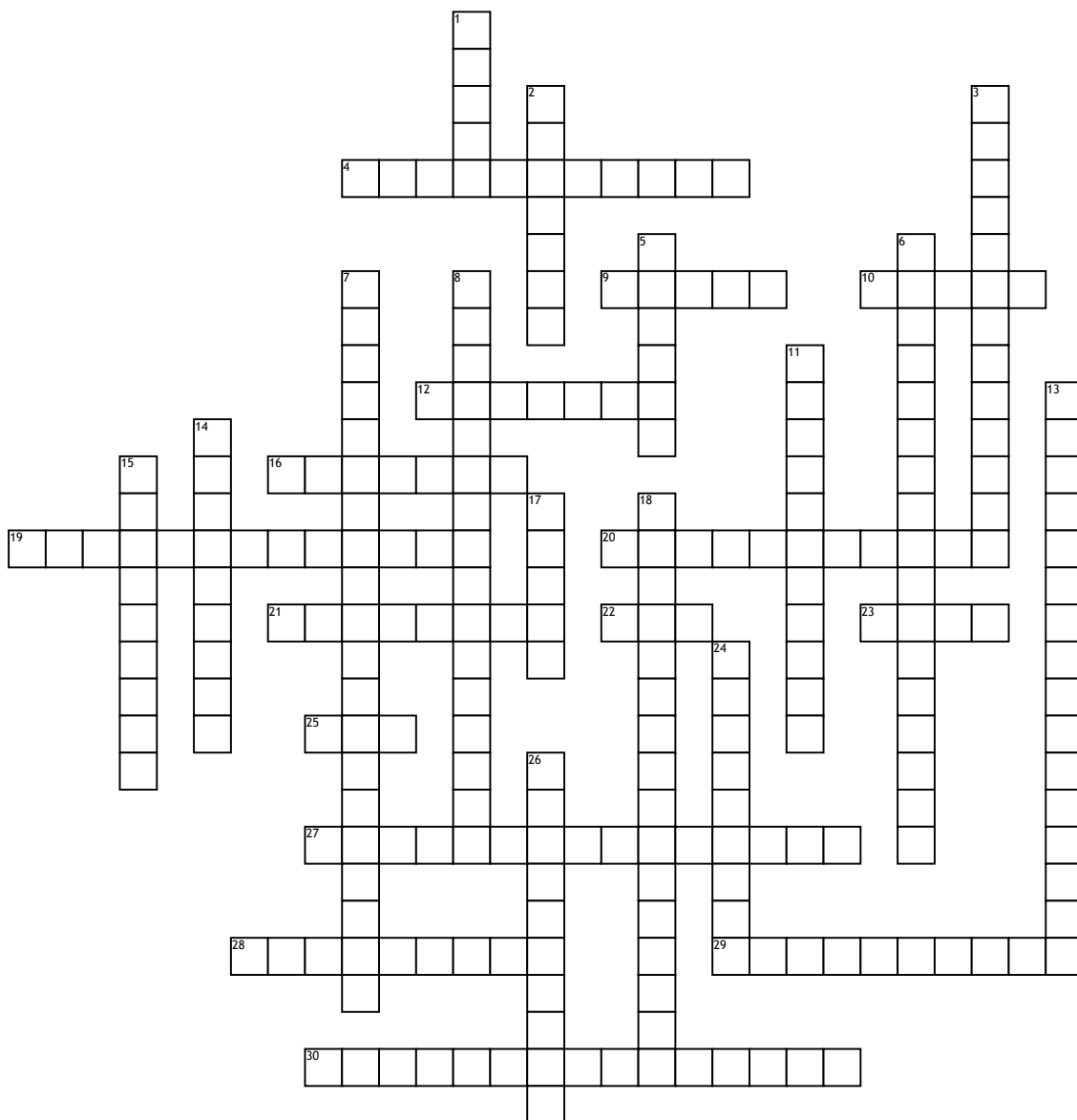


Acoustics/Resonance



Across

- 4. Molecules move farther apart
- 9. Maximum upward displacement
- 10. Molecules tightly packed together
- 12. Decrease of amplitude
- 16. Keeps molecules in motion
- 19. AKA acoustical resonance
- 20. Molecules move closely together
- 21. Deals with time
- 22. Medium of speech production
- 23. Amount of matter in an object

Down

- 25. Made up of molecules
- 27. Objects are forced into vibration
- 28. Vibrating properties of any vibrating body
- 29. Returns molecules to original position
- 30. Pressure is constant and steady
- 1. Measured in newtons & dynes
- 2. Deals with space
- 3. Vibrates at own natural frequency
- 5. Lowest point in a cycle

Across

- 6. Sound waves
- 7. Smooth back and forth motion
- 8. AKA rarefaction
- 11. molecules that collide
- 13. AKA resonant frequencies
- 14. Used to represent sound waves
- 15. Measured in Hertz
- 17. One compression and one rarefaction
- 18. AKA compression
- 24. AKA loudness
- 26. Inversely related to frequency