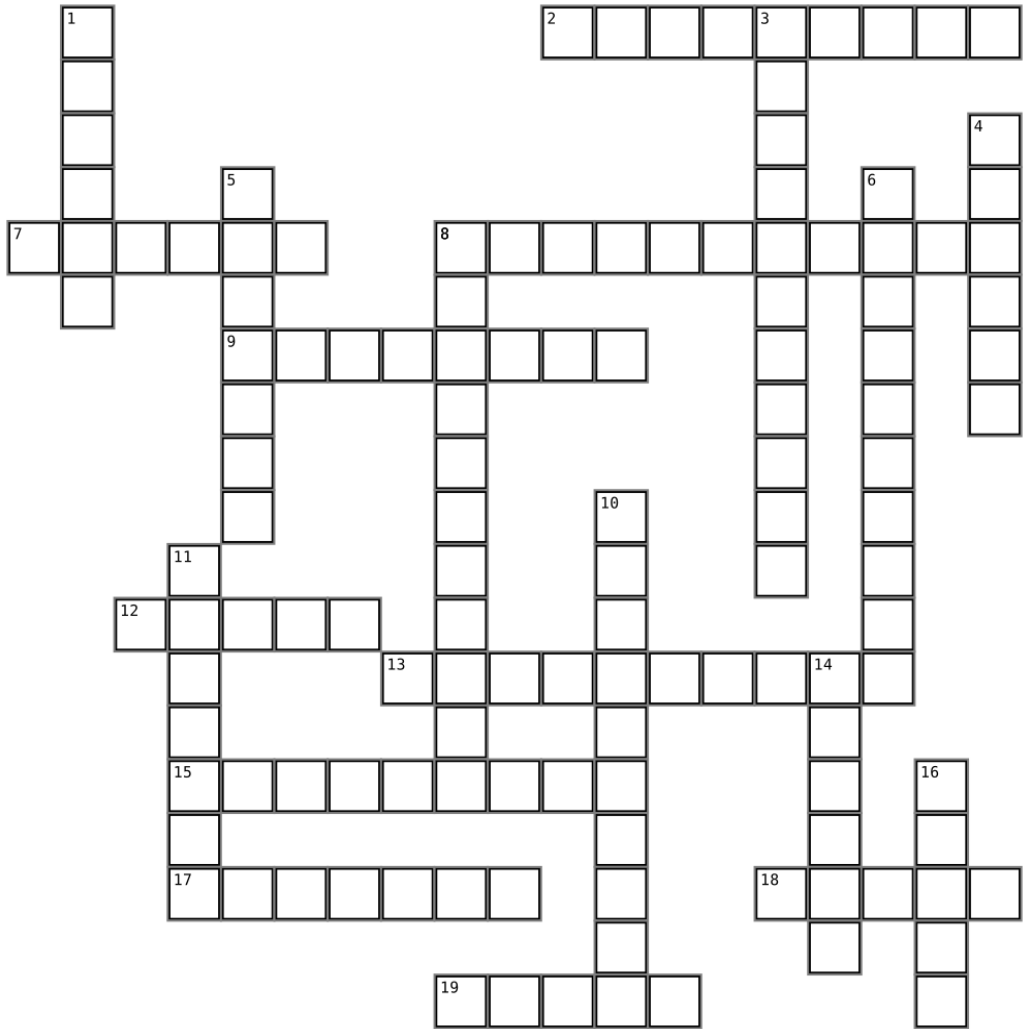


Sound and Light Waves Crossword Puzzle

WORD BANK

Light
 Decibel
 Pupil
 Ultraviolet
 Concave
 Prism
 Translucent
 Opaque
 Frequency
 Reflection
 Infrared
 Retina
 Sound
 Amplitude
 Wavelength
 Convex
 Period
 Transparent
 Eardrum
 Refraction



CLUES

1. The distance between two corresponding points on a wave (Down)
2. The number of waves that pass a certain point in one second (Across)
3. A type of electromagnetic wave that has a shorter wavelength than visible light (Down)
4. The part of the eye that allows us to see color (Down)
5. Unit used to measure the loudness of sound (Down)
6. The bending of light waves as they pass through a material (Down)
7. A type of lens that is thicker in the middle than at the edges (Across)
8. A material that allows all light to pass through it (Across)
8. A material that allows only some light to pass through it (Down)
9. A type of electromagnetic wave that has a longer wavelength than visible light (Across)
10. The distance between two peaks of a wave (Down)
11. A type of lens that is thinner in the middle than at the edges (Down)
12. A type of wave that needs a medium to travel through (Across)
13. The bouncing back of light waves from a surface (Across)
14. A material that does not allow light to pass through it (Down)
15. The distance between the peak and trough of a wave (Across)
16. A device used to separate white light into its component colors (Down)
17. The part of the ear that vibrates in response to sound waves (Across)
18. The part of the eye that controls how much light enters (Across)
19. A type of wave that does not need a medium to travel through (Across)