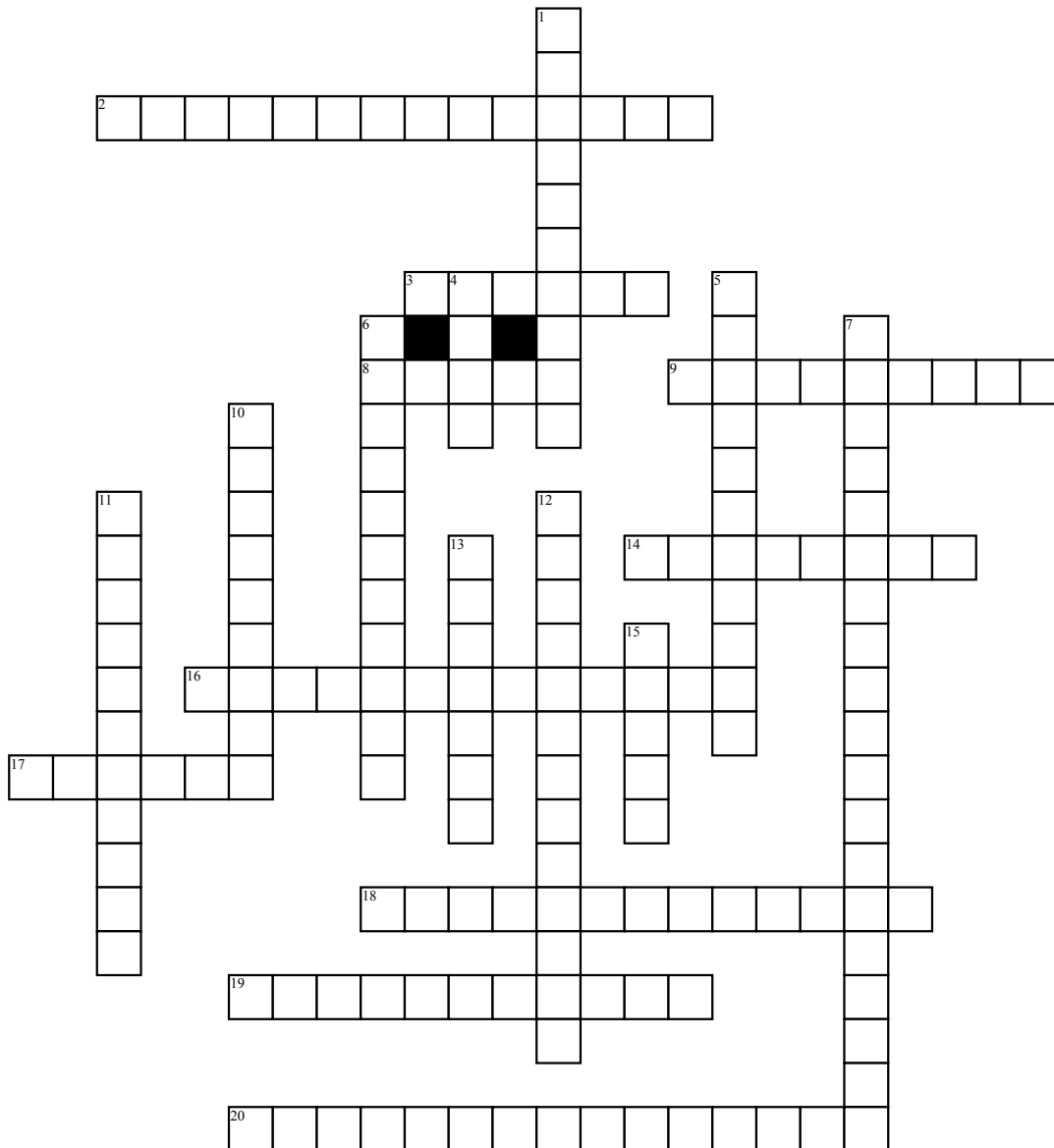


Waves



Across

2. An object that emits light (the sun).
 3. A source of light rays that are to be reflection by a mirrored surface.
 8. Reflected light rays
 9. Higher frequencies, which are odd-number multiples of the fundamental frequency.
 14. Depends primarily on the amplitude of the pressure waves.
 16. How much longer or smaller is the image is relative to the object.

17. Brick, that does not transmit light, but reflect some light.
 18. Frequency shift.
 19. A flat, smooth, surface from which light is reflected by specular reflection.
 20. Yellow, cyan, and magenta

Down

1. Amplitudes are measured on a logarithmic scale.
 4. The oscillation of wave amplitude.
 5. Media that transmits light, but does not permit objects to be seen clearly through them.

6. The bending of light around a barrier.
 7. Are two colors of light that can be combined to make white light.
 10. A pressure variation that is transmitted through matter.
 11. Media that transmits light, such as air and glass.
 12. Red, green, and blue
 13. Unit of measurement for sound level.
 15. Depends on the frequency of vibration.