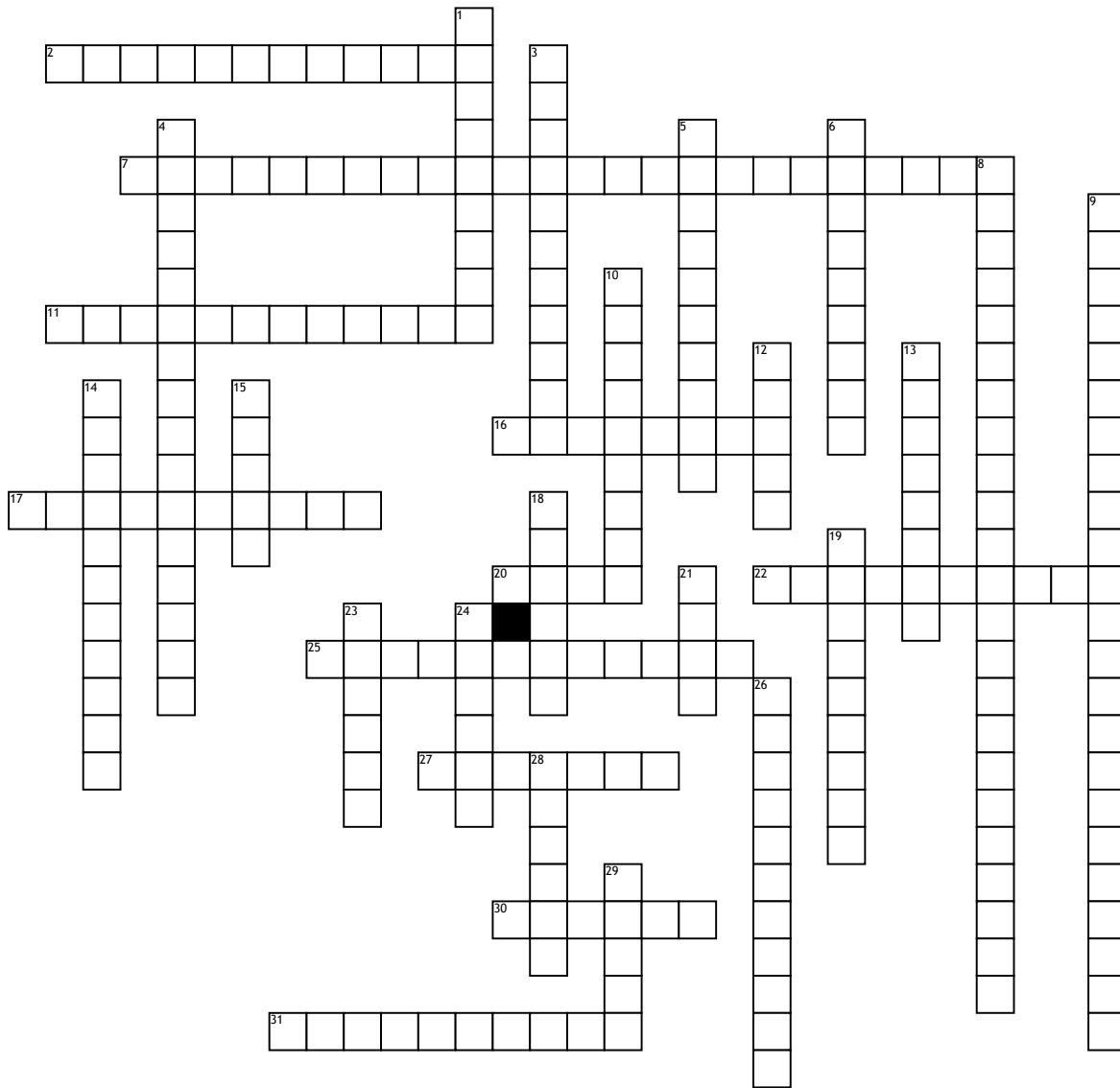


Vocab Terms <https://wordmint.com/>



Across

2. a wave in a medium in which each point on the axis of a wave has an associated constant amplitude
7. when 2 waves combine to create a larger wave that is the height of both combined.
11. on a flat mirror, the image appears to be behind the mirror because that's where the light rays merge.
16. a point in the standing wave, halfway between 2 nodes, at which the large displacement occurs
17. the bending of a wave as the wave passes between two substances in which the speed of the wave differs.
20. a point along a standing wave where the wave has minimum amplitude.
22. a wave in which the particles of the medium move perpendicularly to the direction the wave is traveling.
25. the place where the particles of a medium stay when there are no disturbances or waves.
27. having two or more surfaces curved or ground in the shape of a section of the interior sphere or paraboloid.

30. the time for a particle on a medium to make one complete vibrational cycle.

31. the distance from any point on a wave to an identical point on the next wave.

Down

1. can be projected onto a screen and is always upside down if the object is right-side up.
3. part of a longitudinal wave where the particles are spread apart.
4. when the particles of a wave move back and forth along the path the wave moves.
5. the bouncing back of a ray of light, sound, or heat when the ray hits a surface that it doesn't go through
6. the number of waves produced in a given amount of time
8. the range of wavelengths or frequencies over which electromagnetic radiation extends.
9. when 2 waves combine to create a wave that is of zero amplitude
10. the maximum distance that the particles of a wave's medium vibrate from their rest position.

12. the top of a wave
13. a psychological perception of amplitude.
14. bending of waves around a barrier
15. a unit of frequency defined as the number of complete cycles of a periodic signal that take place in one second.
18. the low point of a wave
19. an integer multiple of the fundamental frequency
21. a ground or molded piece of glass, plastic, or other transparent material.
23. a substance through which a wave can travel.
24. an object that reflects light in such a way, the reflected light preserves many or most of the detailed physical characteristics of the original light.
26. part of a longitudinal wave where the particles are pressed together.
28. curving or bulging outwards; having one or two surfaces curved or ground in the shape of a section of the exterior of a sphere or paraboloid
29. equivalent to the frequency of sound waves, which are any compression waves in a medium.