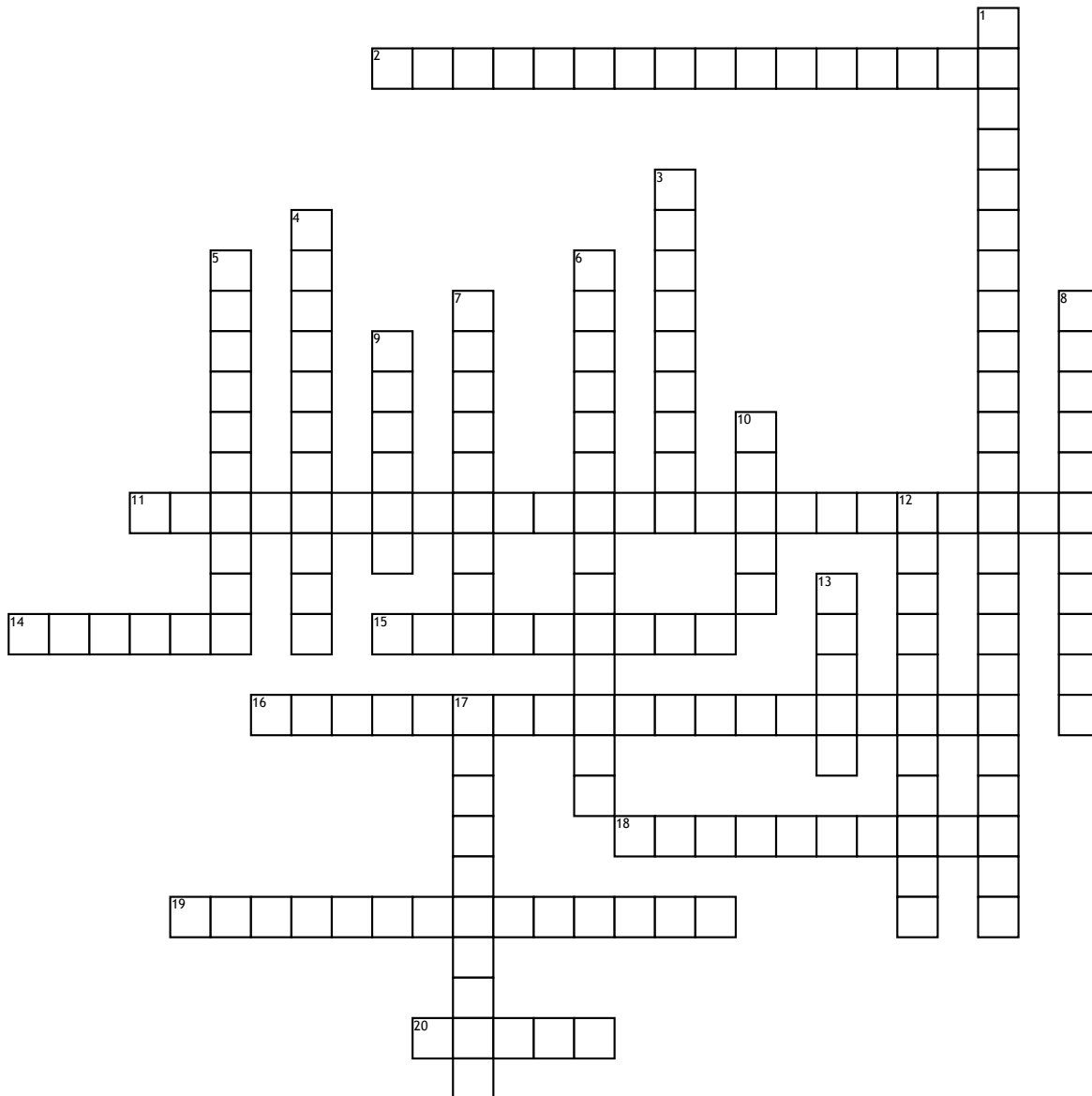


Name: _____

Date: _____

Waves



Across

2. A wave vibrating in the direction of propagation.
 11. The interference of two or more waves of equal frequency.
 14. The lowest part of the wave between crests.
 15. The number of crests of a wave that move past a given point in a given unit of time.
 16. Wave of energy with a frequency within the electromagnetic spectrum.
 18. Is the change in direction of a wavefront at an interface.
 19. Is a wave that needs a medium to travel.

20. vibrations that travel through the air and can be heard when they reach a person's or animal's ear.

Down

1. when the amplitudes of two waves combine with each other producing a smaller amplitude.
 3. A slight shaking movement.
 4. the process by which a beam of light or other system of waves is spread out.
 5. The distance between successive crests of a wave.
 6. A wave vibrating at right angles to the direction of its propagation.
 7. The maximum extent of a vibration

8. Produce compression and rarefaction when traveling through a medium.

9. The substance/matter/material the wave travels in.
 10. A measure of a waveform, such as alternating current or sound.
 12. Is the reduction of an item's density, the opposite of compression.
 13. Perception of the frequency of a sound.
 17. The fact or phenomenon of light, radio waves, etc