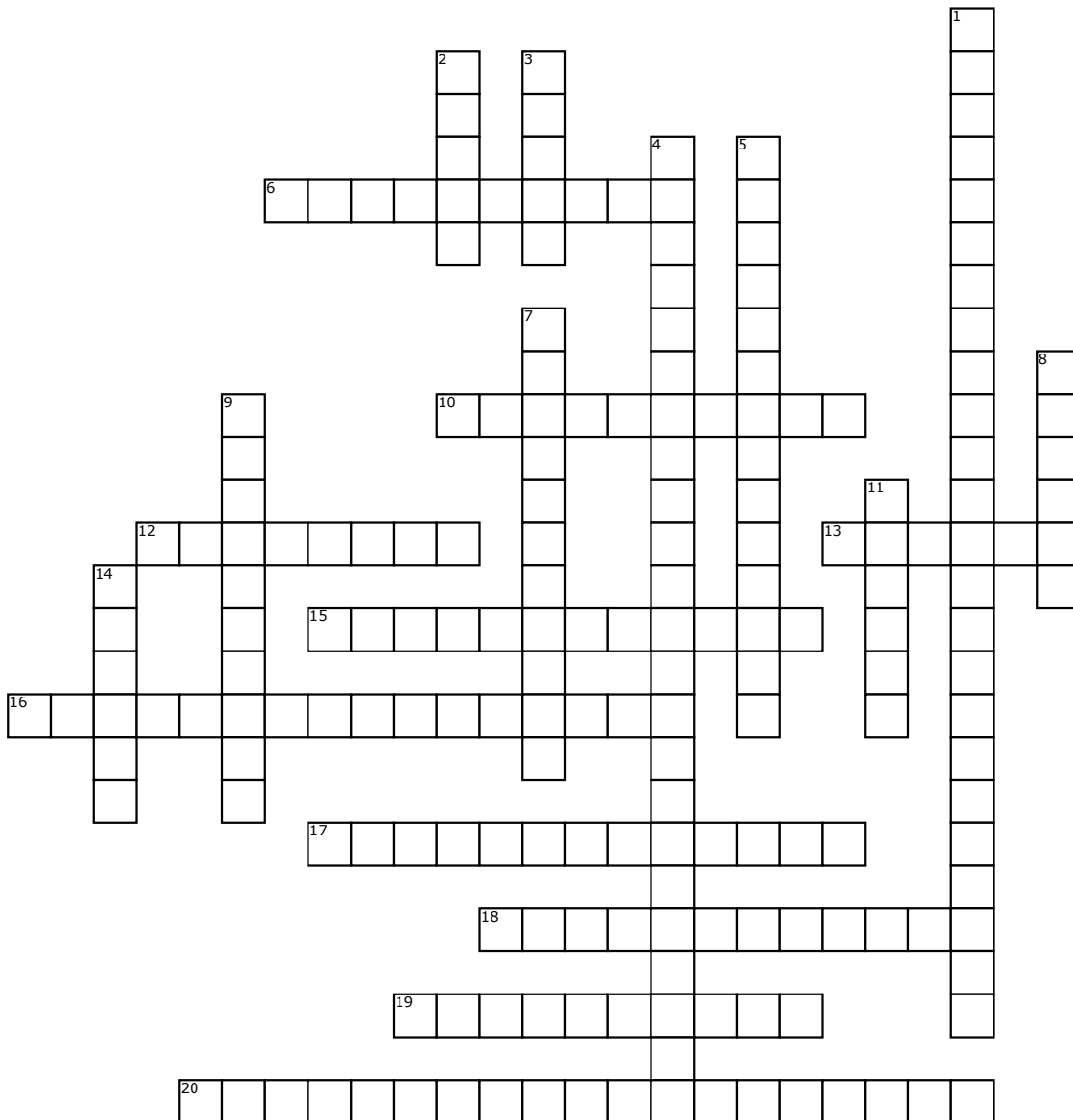


Waves



Across

- 6.** displacement of the the particles of the medium is perpendicular to the direction of wave travel
10. the bending of a wave as it passes at an angle
12. the speed of the wave
13. the time interval for one complete motion f the wave
15. displacement of the the particles of the medium is parallel to the direction of wave propagation
16. the midpoint of the wave
17. the change in frequency due to the relative motion of the wave

- 18.** the action of restricting the vibrations of a transverse wave to one single direction
19. the distance from one point of the wave to the same point on the next wave
20. a wave that travels through variations in an electric and magnetic field

Down

- 1.** when two waves meet at the same time and same position and create a large amplitude
2. the point of maximum positive displacement
3. a disturbance that transfers energy to one place to another

- 4.** when two waves meet at the same time and same position and create a small amplitude
5. a wave that requires a physical medium to travel through
7. the spreading of a wave
8. λ
9. the turning back of a wave
11. the material the wave is traveling through
14. the point of maximum negative displacement