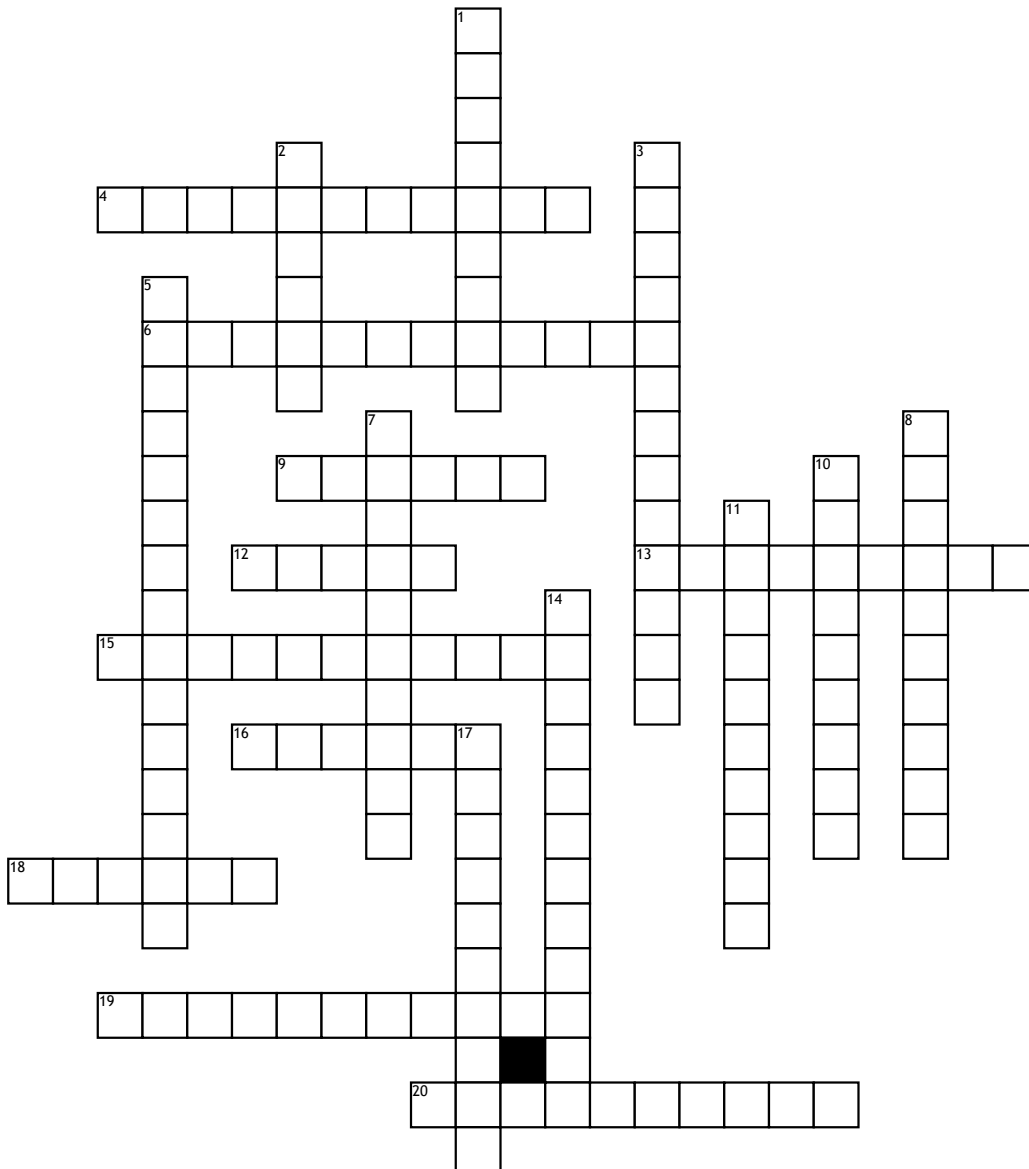


Name: _____

Date: _____

waves



Across

4. are where the parts of the spring are close together
6. wave moving in the same direction of travel as the vibrations
9. maximum upward displacement in a wave
12. a wave in which pairs of a maximum value and a corresponding minimum value
13. number of times per second that the wave cycles
15. is a region in a longitudinal wave where the particles are furthest apart

16. in which a wave travels
18. time it takes to complete a wave cycles
19. is the bending of waves around obstacles and openings/slit
20. distance between 2 peaks of a wave

Down

1. maximum displacement of a wave from rest position
2. The lowest part of the wave between crests
3. causes how its perceived when it gets to its destination

5. a wave produced by the acceleration of an electric charge
7. a wave bouncing off a boundary
8. particles of the medium that move in the direction that is perpendicular of the wave
10. a wave in which produces an audible sensation
11. is bending of the light
14. 2 waves meeting
17. a wave that transfers through a medium