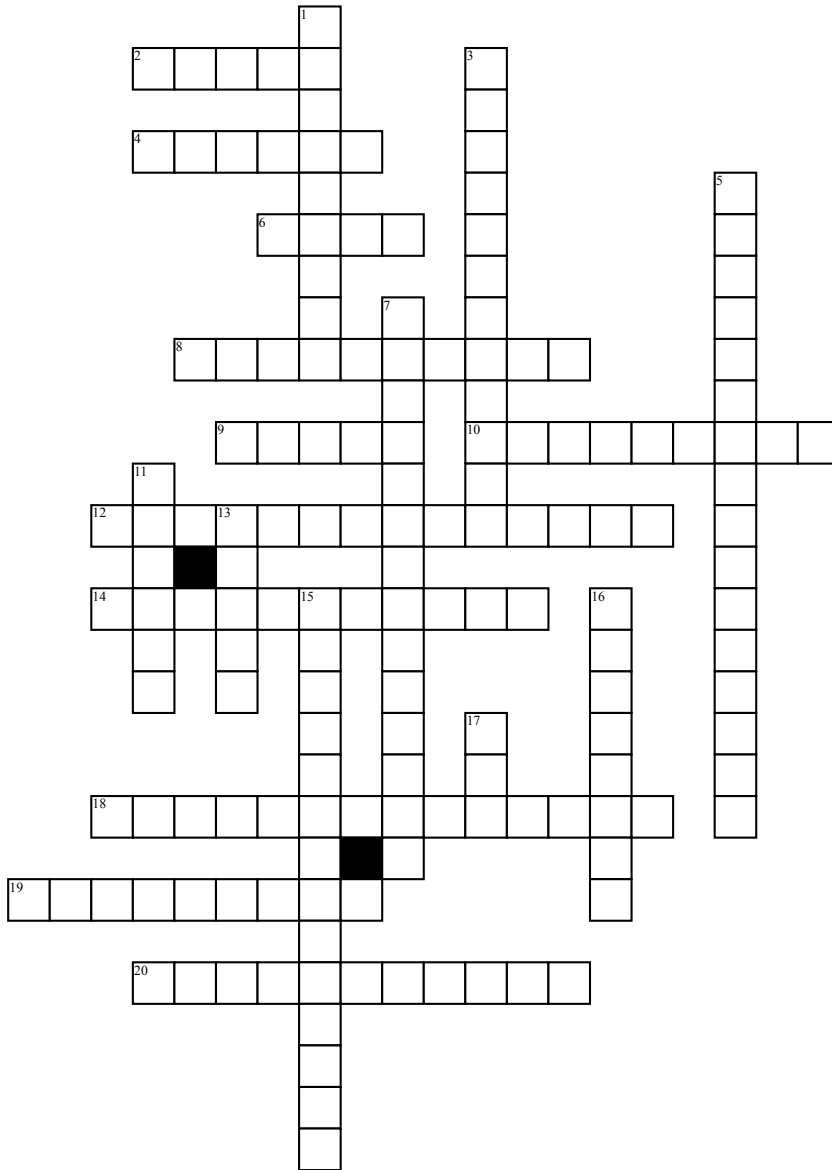


# Waves Crossword Puzzle



**Across**

- 2. When it goes back and forth one time
- 4. How long one cycle takes
- 6. A disturbance that transfers energy
- 8. Distance between two crests
- 9. The top of the wave
- 10. Describes the size of the cycle
- 12. Wave where coils move up and down
- 14. Where you see one antinode

18. A repetitive movement back and forth through an equilibrium

19. Number of cycles per second

20. The point where it sits at rest

**Down**

- 1. When waves are nice and harmonious
- 3. a wave that appears to stay in one place
- 5. Wave where coils move left and right

7. Any force that always acts to pull the system back toward the equilibrium

11. The bottom of the wave

13. Stationary points on a standing wave

15. Wave that requires a medium to travel through

16. position on a standing wave with the largest amplitudes

17. How many antinodes equal one full node?