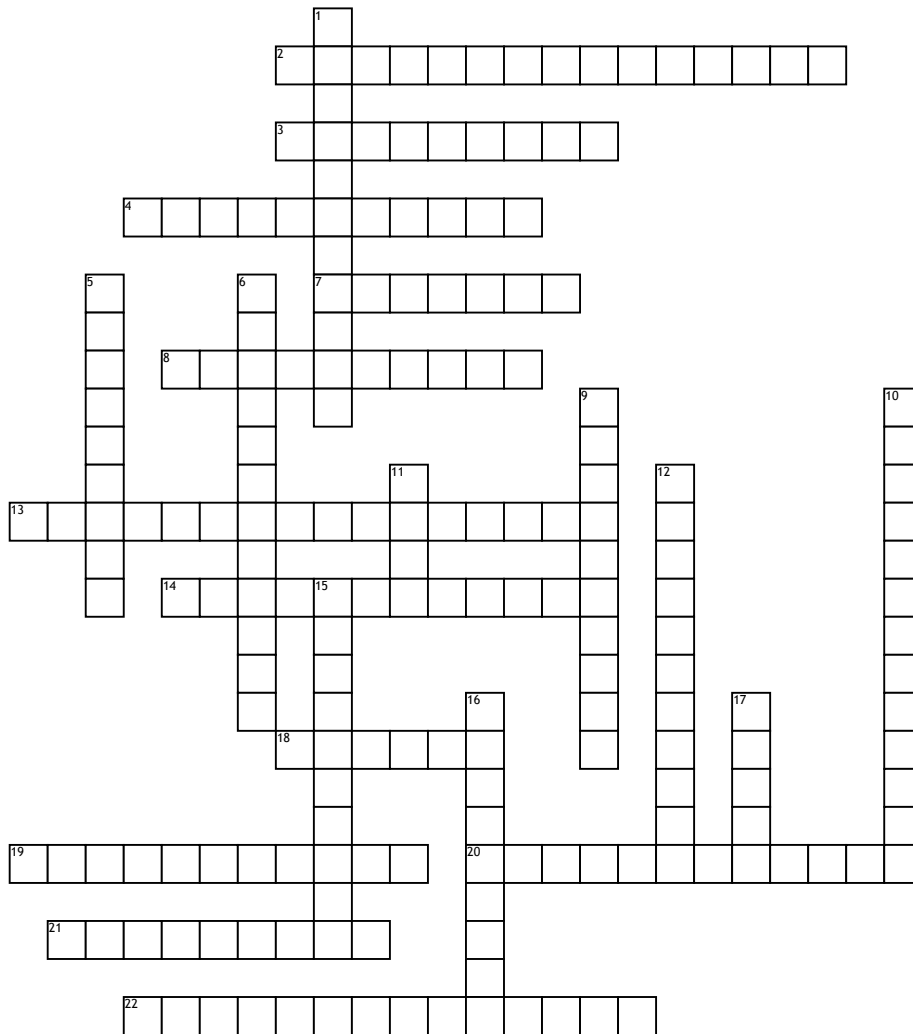


Name: _____

Date: _____

Physics Wave crossword



Across

2. Angle of incidences equal to the angle of reflection
 3. The number of seconds to complete one cycle
 4. Wave bends around or gets through a hole in a material
 7. Lowest point below equilibrium
 8. Zero height, starting position to measure amplitude
 13. The particles in the medium vibrate along the same direction as the wave
 14. The combination of 2 or more waves that exist at the same place at the same time

18. A substance that makes possible the transfer of energy from one location to another
 19. Particles are close together
 20. Wave approaching a boundary, wave that strikes
 21. A force that tends to return an object to its equilibrium position after it has been displaced
 22. The particles of the medium vibrate up and down

Down

1. When particles are far apart
 5. The number of cycles per second

6. Individual displacements on the same side of the equilibrium
 9. Distance between two adjacent similar points
 10. Wave sent from a boundary
 11. A rhythmic vibration or disturbance that carries energy through matter or space
 12. Individual displacements on opposite sides of the equilibrium
 15. Wave bounces off a barrier or a boundary
 16. Maximum displacement of particle from equilibrium
 17. Highest point above equilibrium

Word Bank

Destructive
 Incident wave
 Compression
 Amplitude
 Wavelength

Interference
 Rarefaction
 Law of reflection
 Period (T)
 Constructive

Reflected wave
 Crest
 Trough
 Wave

Frequency
 Diffraction
 Restoring
 Medium

Reflection
 Line of rest
 Longitudinal wave
 Transverse Wave