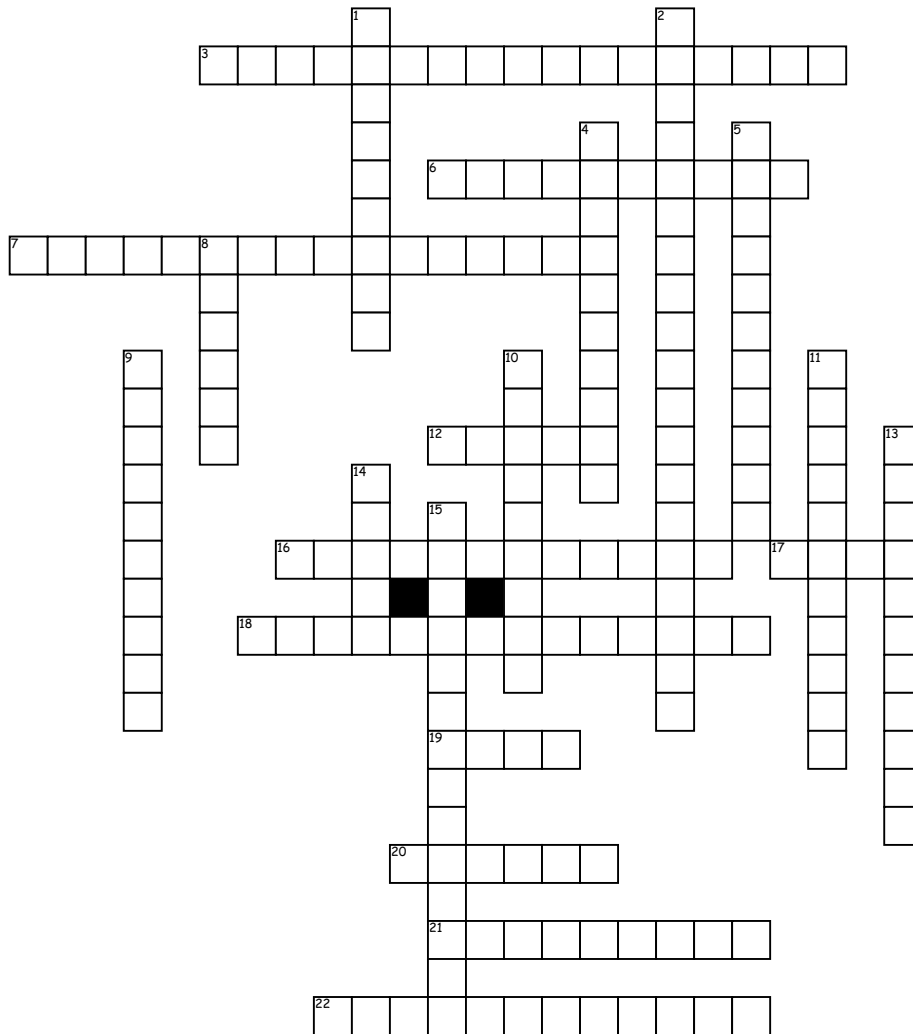


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# vocabulary science crossword



## Across

3. Longitudinal waves are also called  
 6. the change in direction of a wave passing from one medium to another or from a gradual change in the medium  
 7. Compressional waves are also called  
 12. the highest point the medium rises  
 16. the action of interfering or the process of being interfered with  
 17. can be described as a disturbance that travels through a medium from one location to another location  
 18. a wave that is an oscillation of matter, and transfers energy through a medium  
 19. a reflection of sound that arrives at the listener with a delay after the direct sound

20. helps to transport their energy from one location to another

21. the maximum extent of a vibration or oscillation, measured from the position of equilibrium.

22. the action of interfering or the process of being interfered with

## Down

1. the rate at which something occurs or is repeated over a particular period of time or in a given sample

2. refers to the waves of the electromagnetic field, propagating through space, carrying electromagnetic radiant energy

4. the distance between successive crests of a wave, especially points in a sound wave or electromagnetic wave.

5. the reduction in volume causing an increase in pressure

8. the lowest point the medium sinks to

9. the throwing back by a body or surface of light, heat, or sound without absorbing it

10. the rate at which something occurs or is repeated over a particular period of time or in a given sample

11. refers to various phenomena that occur when a wave encounters an obstacle or a slit

13. the reduction of an item's density

14. The sensation of a frequency

15. a wave vibrating at right angles to the direction of its propagation

## Word Bank

Amplitude

Wave

Medium

Transverse Wave

Electromagnetic Wave

Compressional Wave

Interference

Echo

Frequency

Longitudinal Wave

Pitch

Trough

Mechanical Wave

Frequency

Diffraction

Rarefaction

Reflection

Crest

Interference

Wavelength

Refraction

Compression