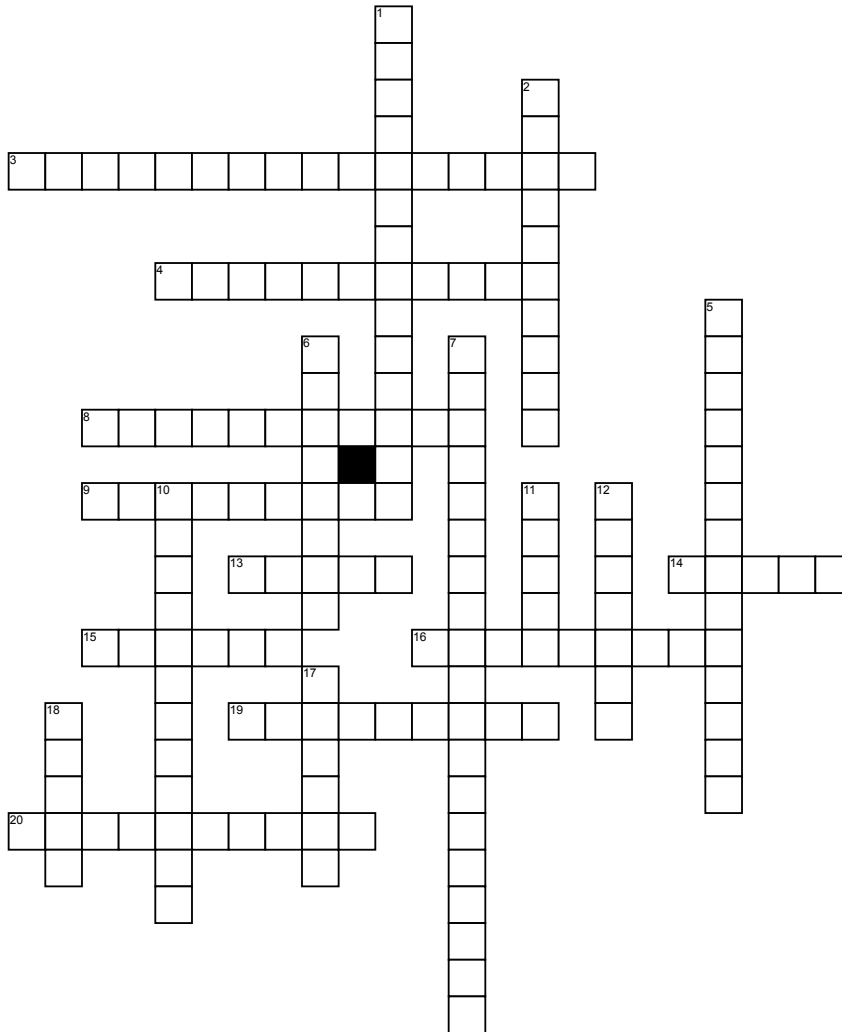


Name: \_\_\_\_\_

# Waves



## Across

- 3. move parallel to the direction of energy traveling
- 4. waves of energy causing sudden breaking of rock
- 8. travel only through crust
- 9. the distance from equilibrium line to crest or trough
- 13. move through rock only
- 14. the highest point above line
- 15. the lowest point below line

## Word Bank

diffuse  
Amplitude  
Frequency  
Waves  
surface wave

Mechanical Wave  
p-wave  
Periodic Wave  
Wave Pulse  
refraction

specular  
s-wave  
Wavelength  
Period  
crest

Trough  
seismic wave  
transverse wave  
longitudinal wave  
Electromagnetic Wave

16. A Single Disturbance  
Traveling Through Medium

19. A Repeating Period

20. bending light

## Down

- 1. require a medium to travel
- 2. distance between two repeating points on a wave
- 5. perpendicular to wave motion
- 6. light reflects in one direction

7. Do Not Require A Medium

10. waves repeating at regular intervals

11. moves fast through solid rock

12. light reflected in multiple directions

17. The time it takes to complete a full cycle

18. Carry Energy From One Place To Another