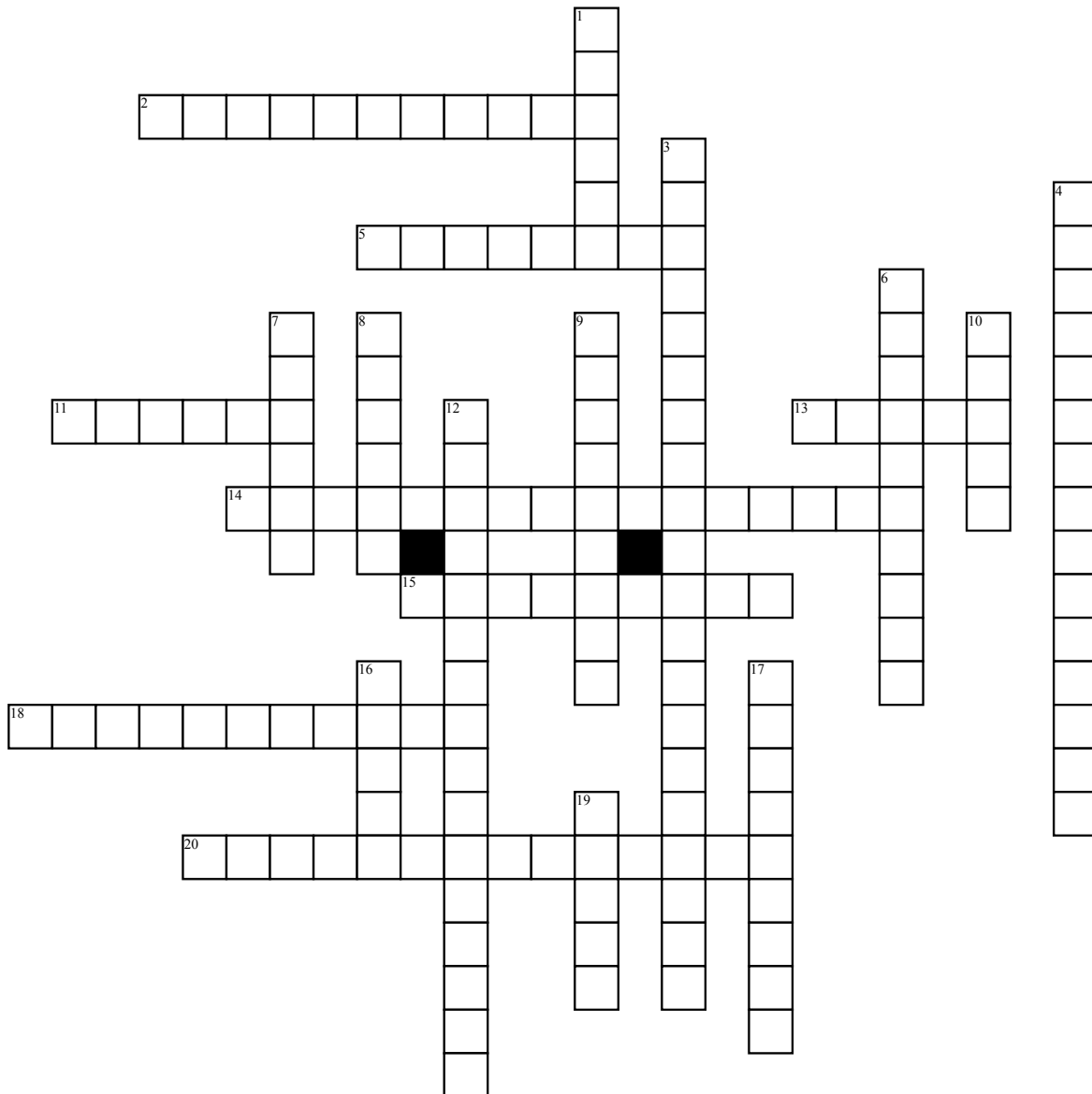


Name: \_\_\_\_\_

# waves



## Across

- 2. line where the wave goes through
- 5. frequency of a mechanical wave is increased its wavelength must
- 11. what is another word for medium
- 13. highest point above equilibrium
- 14. type of mechanical wave that moves in a parallel direction
- 15. number of cycles or vibrations per units of time

18. mechanical wave that propagates along the interface between differing media

20. type of mechanical waves that makes a perpendicular line

## Down

- 1. Greek letter that means wavelength
- 3. energy moves through disturbance in the electromagnetic field
- 4. require a medium to travel
- 6. distance between any two repeating points on a wave

7. the time it takes for an object to complete a cycle of motion

8. lowest point below the equilibrium

9. distance from the equilibrium position to a crest or a trough

10. unit that wavelength is measured

12. unit that wave speed is measured

16. disturbance that transfer energy

17. speed of a wave will only change in a

19. unit that frequency is measured in