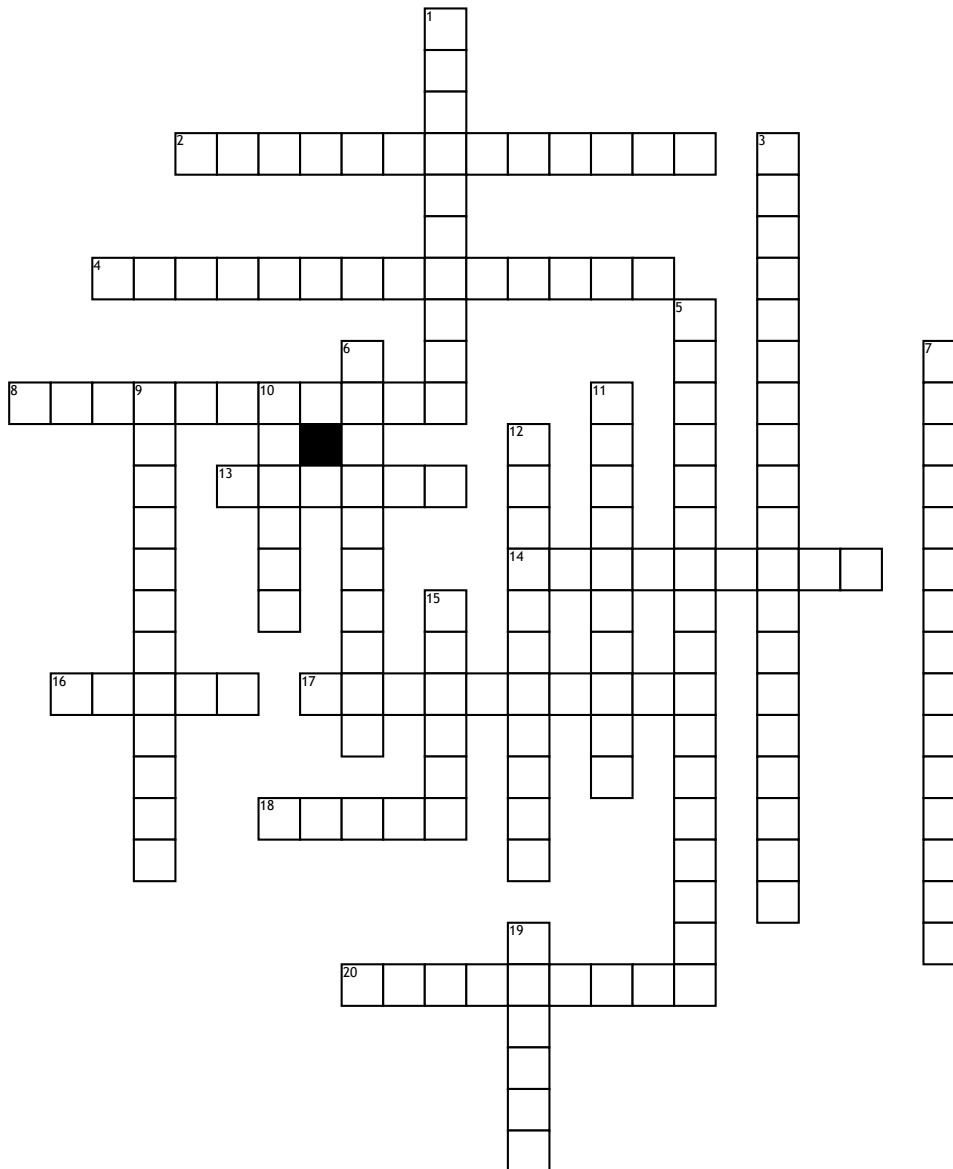


Name: _____

Date: _____

WAVES



Across

2. change in wave frequency caused by wave source
 4. Travels through a medium
 8. Blue, indigo, violet
 13. Material through which a wave transfers through
 14. Measurement of waves
 16. Unit for frequency
 17. Passes through medium and bends

18. Rhythmic disturbances that carry matter through space

20. Highest on EM SPECTRUM

Down

1. Produces thermal energy
 3. Does not require a medium
 5. Moves in parallel direction as the waves motion
 6. Lowest energy on em spectrum

7. Vibrates perpendicular to the direction of wave motions

9. Two or more waves intersecting and overlapping

10. Vibration is the transfer of...

11. When waves bounce off an object

12. Bends when it moves around an obstacle or pass a narrow opening

15. Cause cancer

19. Space without matter