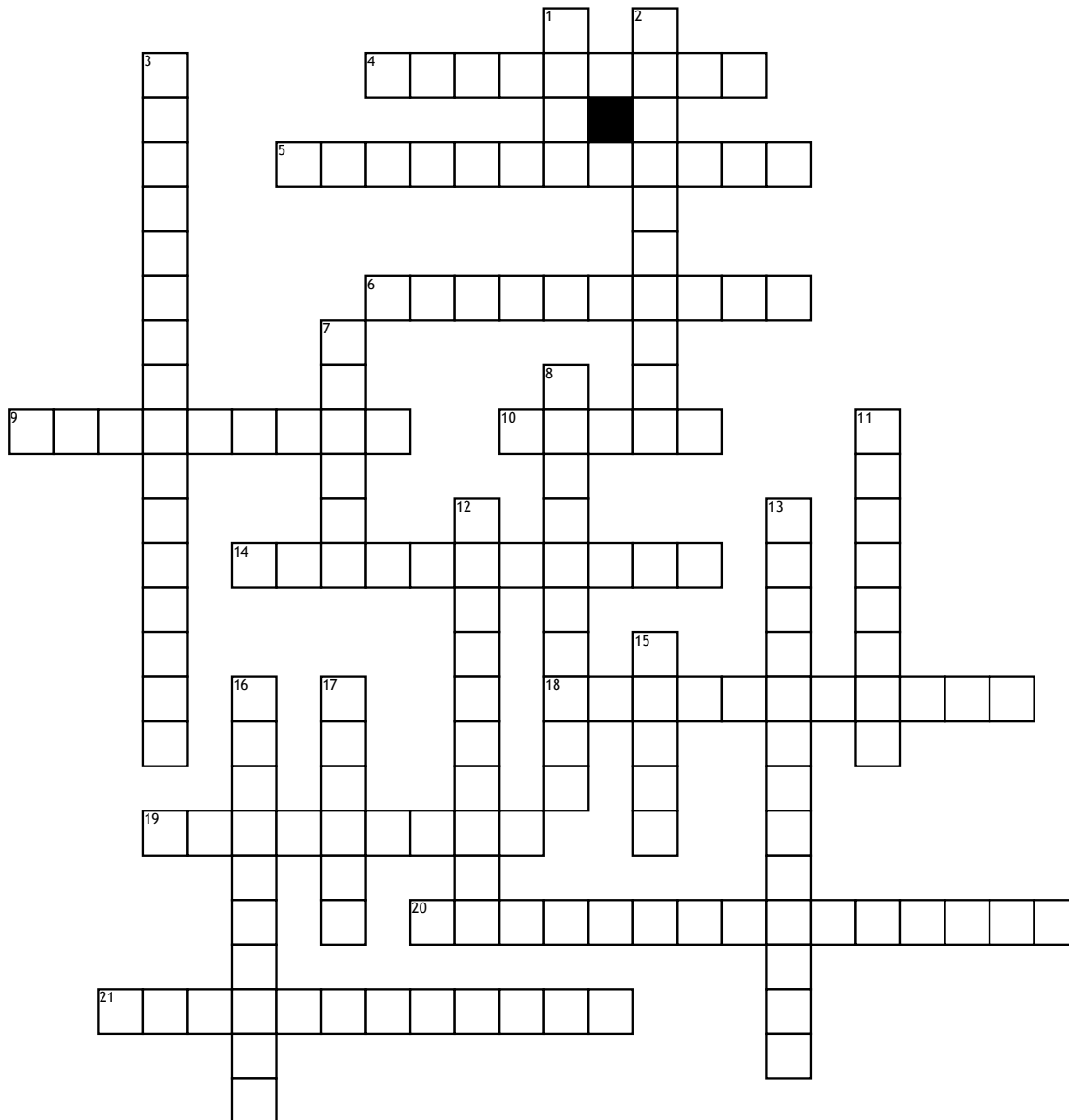


Name: _____

Date: _____

Waves



Across

4. Blocked from the earth's surface by the atmosphere
 5. The only portion that can be seen by the human eye
 6. Used for communication, medicine, and consumer use
 9. Maximum distance by a point on the wave measured from its equilibrium position
 10. Tallest point of a wave
 14. Particles are close together
 18. Particles are far apart
 19. Number of waves passing a point in one second

20. Can be transferred through a vacuum

21. Moves in the same direction as the wave's motion

Down

1. A rhythmic disturbance that carries energy through matter or space
 2. Low energy waves with the longest wavelength
 3. Can cause skin cancer and blindness in humans
 7. Material through which a wave transfers energy

8. Medium vibrates perpendicular to the direction of wave motion
 11. Speed of a wave as it moves forward
 12. Must travel through a medium
 13. Invisible electromagnetic waves detected as heat
 15. Used in medicine, industry, and astronomy
 16. Distance between successive crests of a wave
 17. Lowest point of a wave