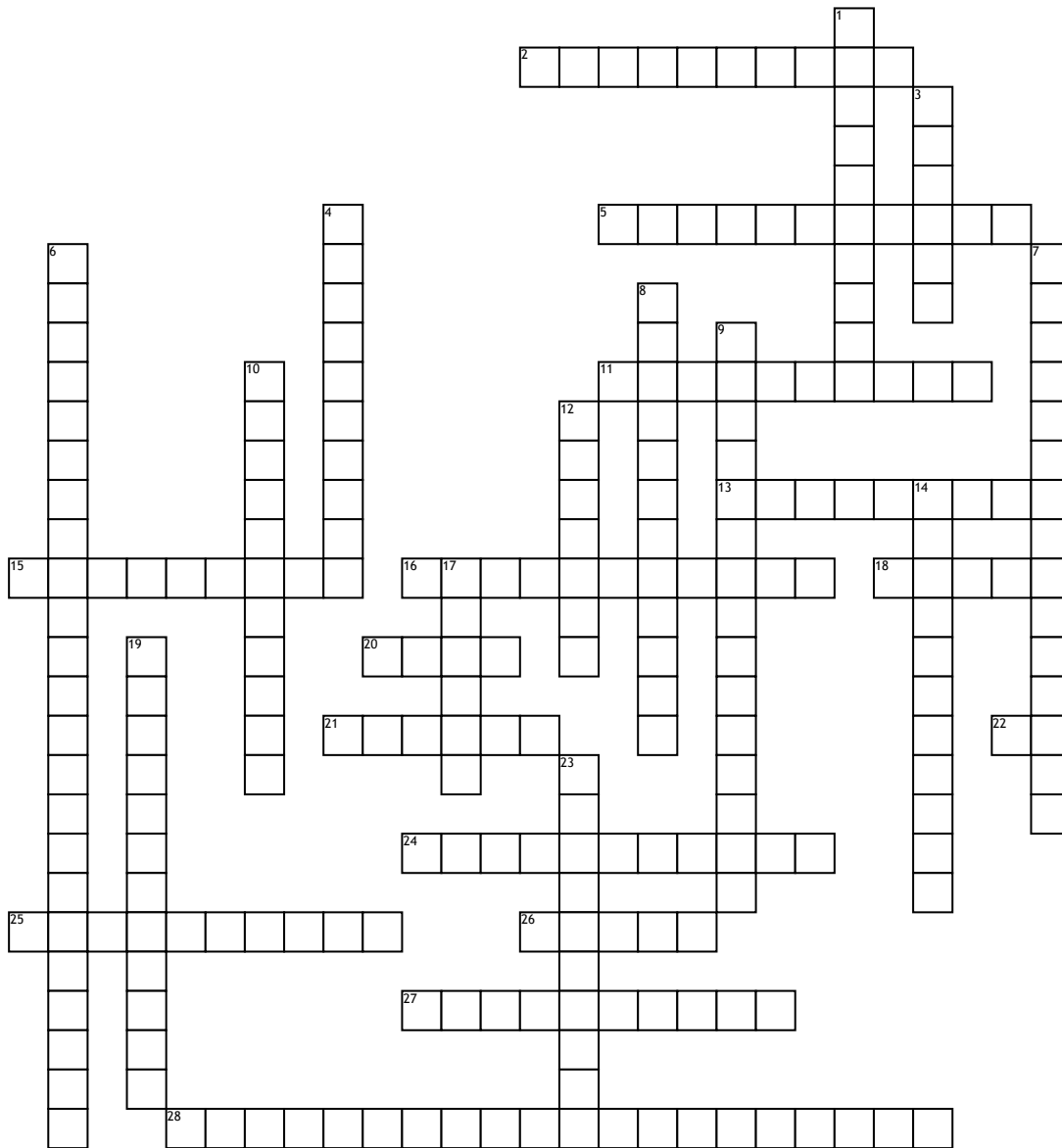


Name: _____ Date: _____ Period: _____

EM And Waves Crossword



Across

2. EM waves w/ the longest wavelengths&lowest frequencies
 5. a part in a longitudinal wave where the particles are spread apart
 11. the disturbance from the peak of one light or sound wave to the peak of its next
 13. height of a wave
 15. EM waves w/ the shortest wavelengths and highest frequencies
 16. the part of a longitudinal wave where the particles of a medium are close together
 18. A disturbance that transfers energy from place to place
 20. EM waves w/ wavelengths shorter than UV
 21. lowest point of a transverse wave
 22. EM waves w/ frequencies than those of visible light

24. a material that allows some of the light that strikes it to pass through objects appear blurry

25. the bouncing back of a wave when it has a surface through which it can't pass
 26. highest point of a transverse wave
 27. reflecting of light in all directions
 28. transverse waves that transfer electrical&magnetic energy

Down

1. the bending of a wave as it passes at an angle from one medium to another
 3. material through which a wave travels
 4. EM waves w/ shorter wavelengths&higher frequencies than radio waves
 6. all the frequencies of EM radiation
 7. a wave vibrating at right angles to the direction of its propagation

8. the passing of light through matter

9. wave that requires a medium through which to travel
 10. the bending of a wave as it moves around an obstacle
 12. EM waves w/ frequencies lower than red
 14. material that lets light pass through
 17. material that doesn't let light through
 19. EM waves you can see
 23. the transfer of the energy of a wave to matter as the wave passes through it