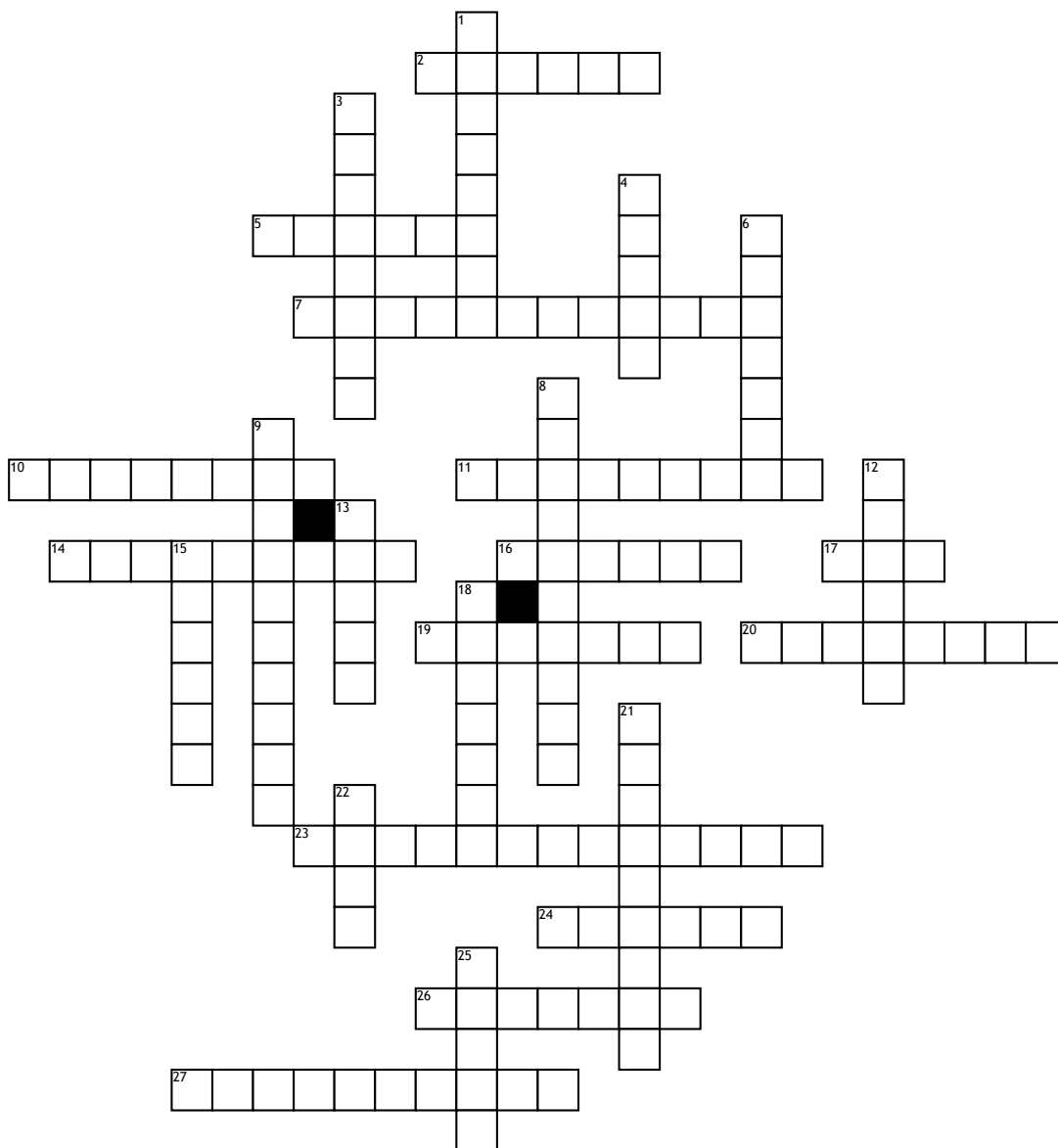


Name: _____

Date: _____

Elements, Compounds, and Mixtures



Across

2. state of matter definite volume and particles can flow
 5. metal used to wire homes
 7. substance with only one type of particle
 10. homogeneous mixture of two or more substances uniformly dispersed
 11. resistance to flow
 14. unable to dissolve
 16. in a solution, the substance that dissolves in the solvent
 17. state of matter particles bouncing off each other
 19. in solution, the substance in which the solute dissolves

20. element that conducts heat and electricity poorly
 23. measure of amount of solute dissolved in a solvent
 24. metal used to make quarters and dimes
 26. mixture where particles can scatter light
 27. mixture where particles are large enough to settle out

Down

1. substances that are not chemically combined
 3. substance made up two or more different elements bonded together
 4. element that is shiny and conducts heat and electricity

6. cannot be separated into simpler substance by physical or chemical means
 8. process where particles separate and spread evenly throughout mixture
 9. ability of one substance to dissolve in another
 12. state of matter of the sun
 13. solid solution
 15. element we breathe in to survive
 18. able to dissolve
 21. element with properties of metals and nonmetals
 22. metal used to make rings
 25. state of matter where particles are packed tight but vibrate