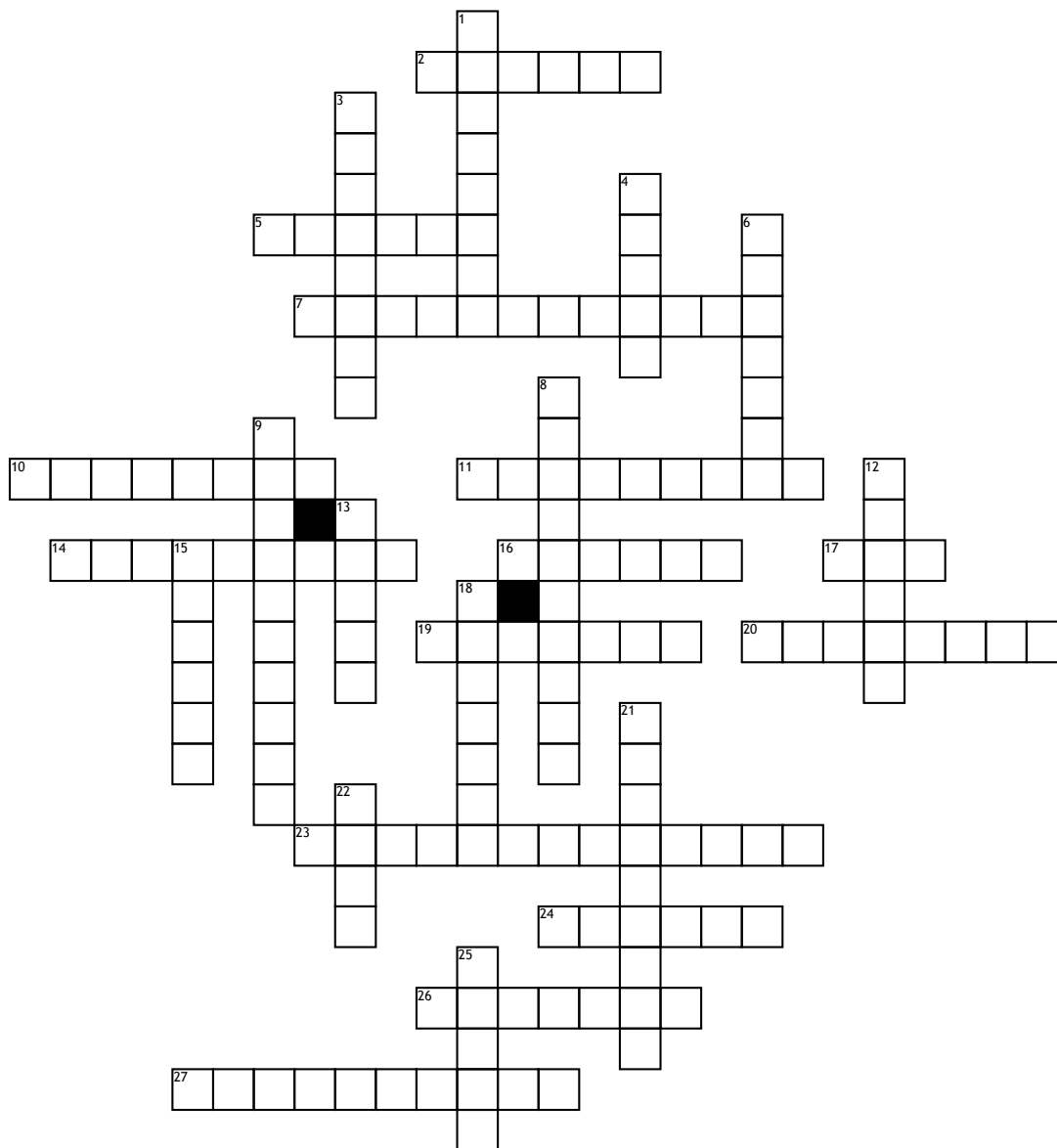


Name: _____

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