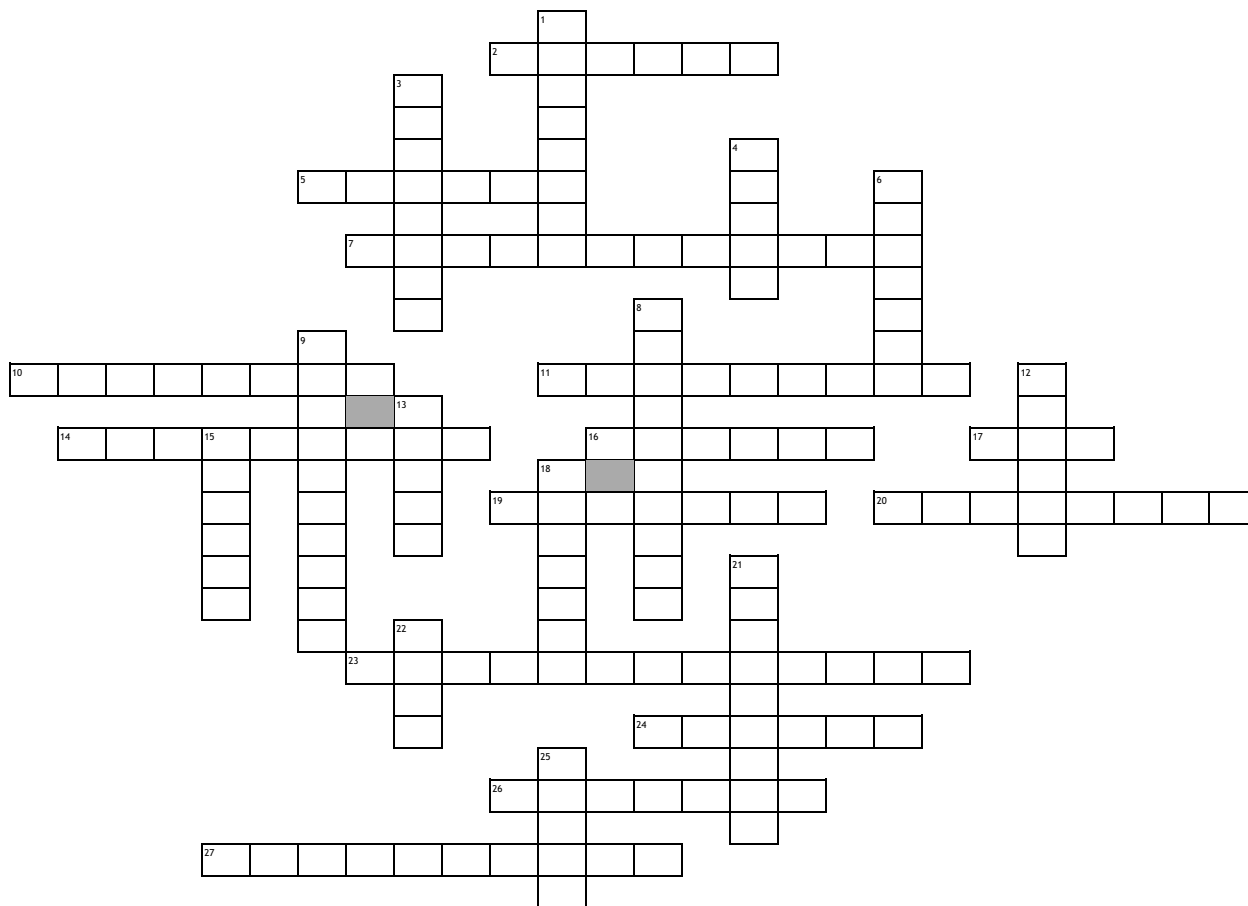


Elements, Compounds, and Mixtures



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