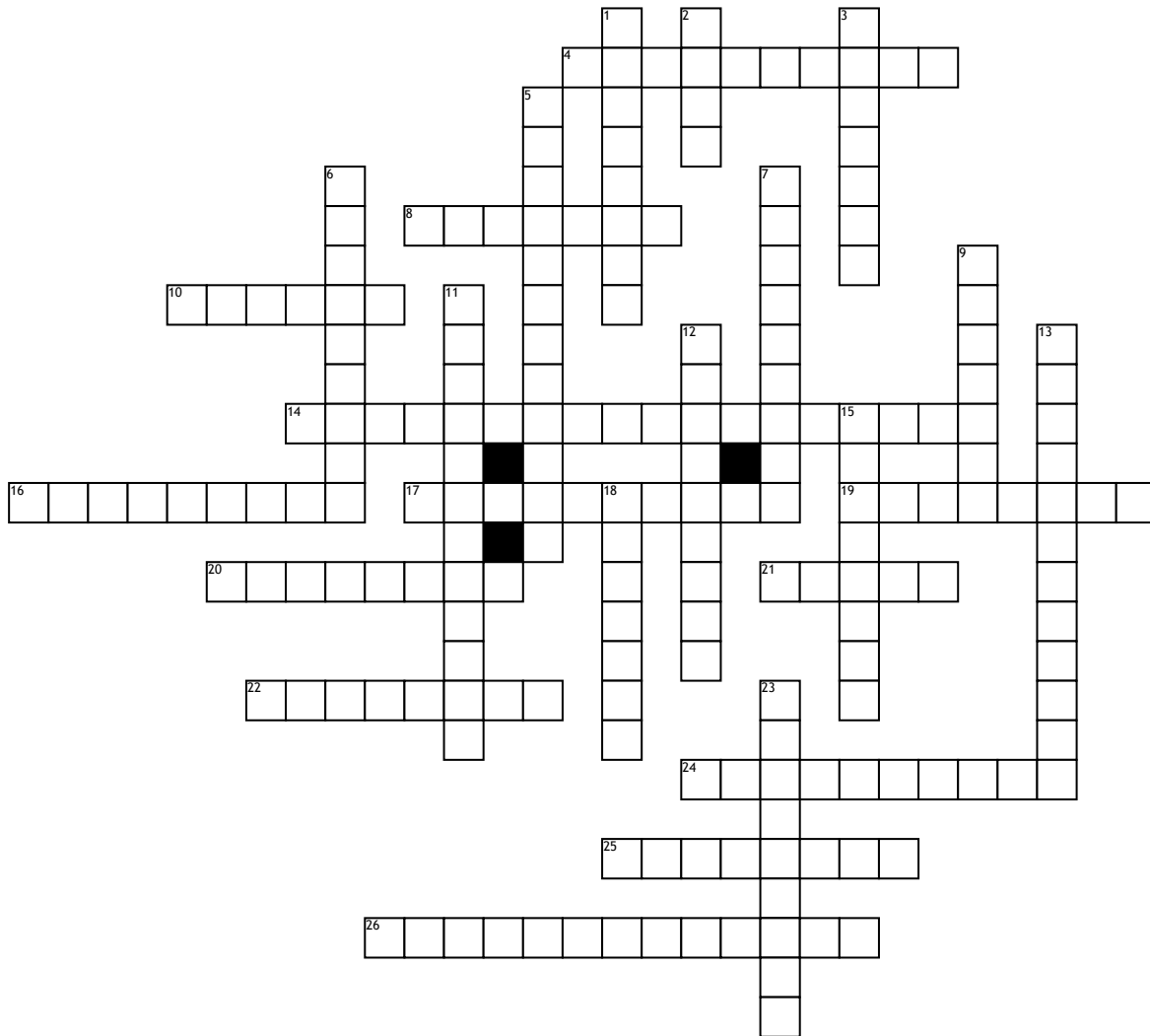


# Elements, Mixtures, and Compounds



## Across

4. the physical process based on separation of solids from fluids (liquids or gases) by pouring the mixture over a filter through which only fluids can pass through  
 8. 2 or more elements combined, physically  
 10. can be used to separate a mixture if it contains any magnetic metals  
 14. represented by a symbol  
 16. Pure  
 17. Evenly mixed throughout the substance  
 19. Not Pure

20. keeps its individual properties

21. Single

22. H<sub>2</sub>O

24. same

25. 2 or more elements combined, chemically

26. when either the atoms are the same or the molecules are all the same

## Down

1. 2 or more elements or compounds that are physically combined

2. smallest part of an element

3. NaCl + H<sub>2</sub>O

5. the process that separates a mixture based on boiling points

6. Couples

7. when 2 or more atoms are coupled together

9. one kind of atom, can be both atoms or molecules.

11. different

12. can be separated chemically

13. unevenly mixed throughout the substance

15. NaCl

18. CANNOT be broken down into simpler substances

23. molecules because they have more than 2 different atoms