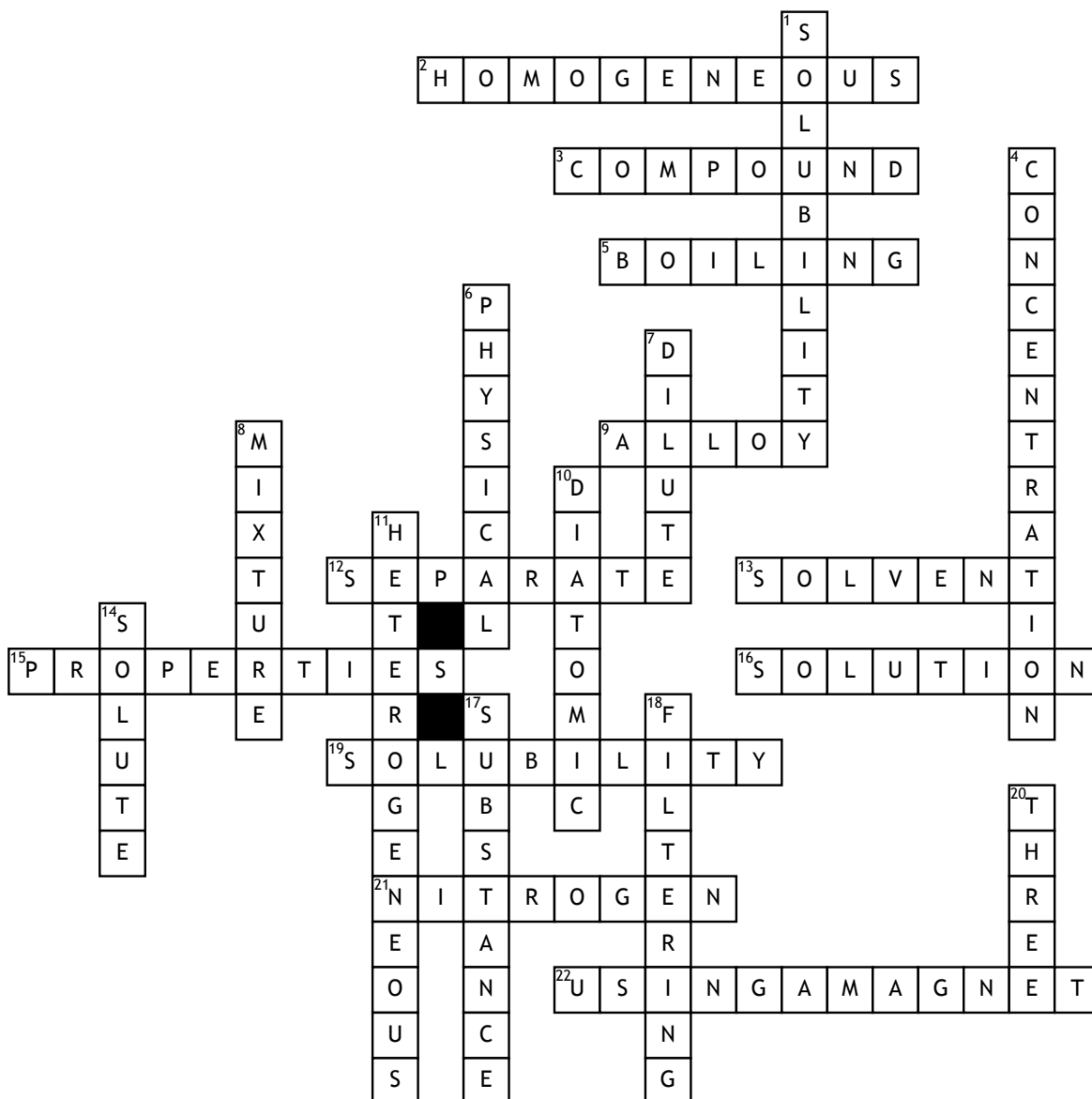


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Substances and Mixtures



## Across

2. a mixture in which two or more substances are evenly mixed on the atomic level but not bonded together  
3. contains 2 or more elements that are chemically bonded together  
5. another way to separate a mixture  
9. a solid solution, like brass  
12. this can be done to a mixture  
13. the substance that exists in the greatest quantity in a solution  
15. these change as a result of a chemical change  
16. another name for a homogeneous mixture

19. a solution that contains the maximum amount of solute that can dissolve in a given amount of solvent at a given temperature and pressure  
21. air contains 78% of this gas  
22. even another way to separate a mixture

## Down

1. the maximum amount of solute that can dissolve in a given amount of solvent at a given temperature and pressure  
4. the amount of a particular solute in a given amount of solution  
6. mixing is this kind of change

7. used to describe a lower concentration of a solute in a solution  
8. two or more substances that are physically blended but are not chemically bonded together  
10. two atoms bonded together  
11. a mixture in which substances are not evenly mixed  
14. all other substances in a solution  
17. matter that is always made up the same combination of atoms  
18. means of separating a mixture  
20. number of states that a solution can exist in