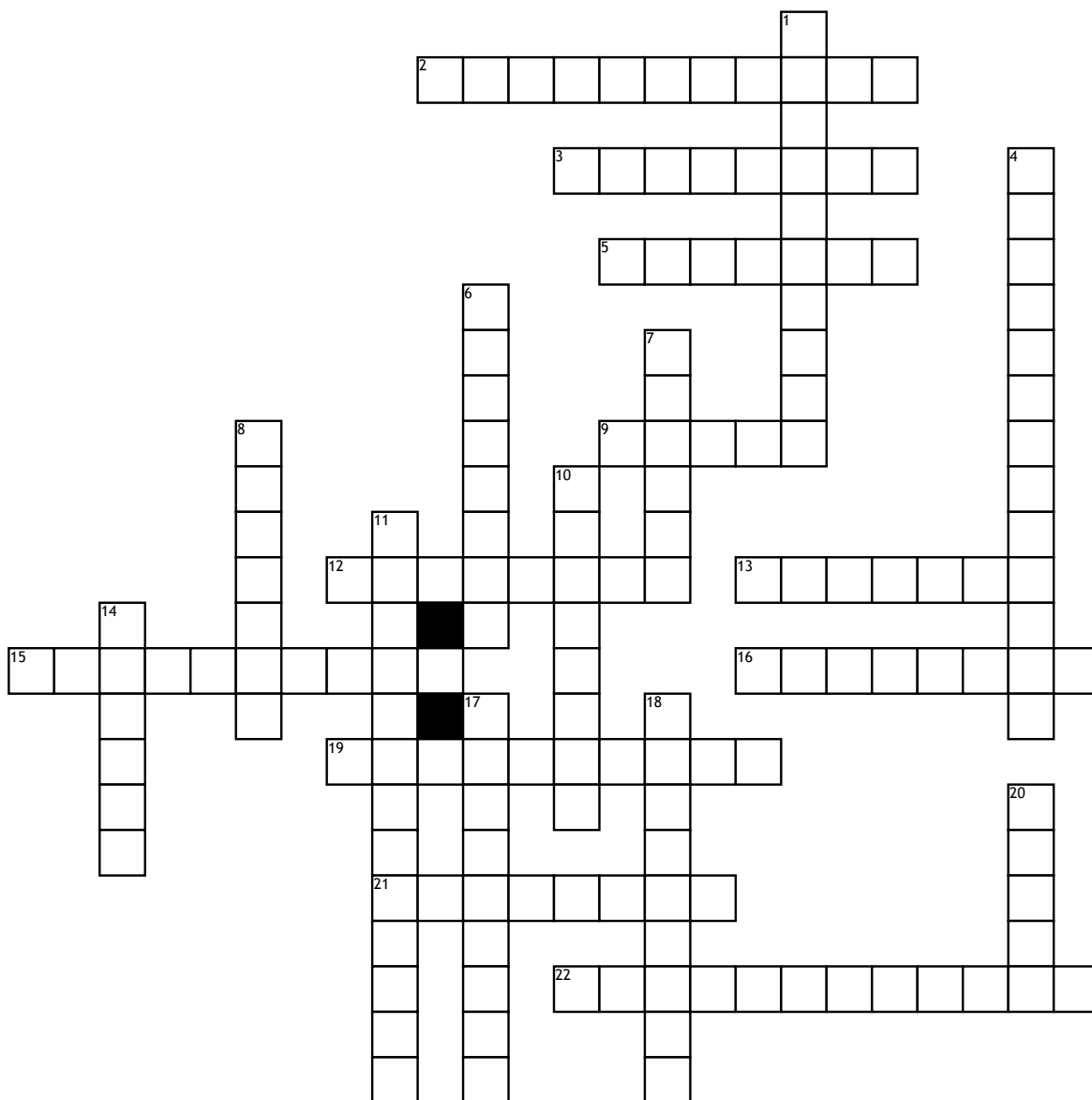


Name: _____ Date: _____ Period: _____

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