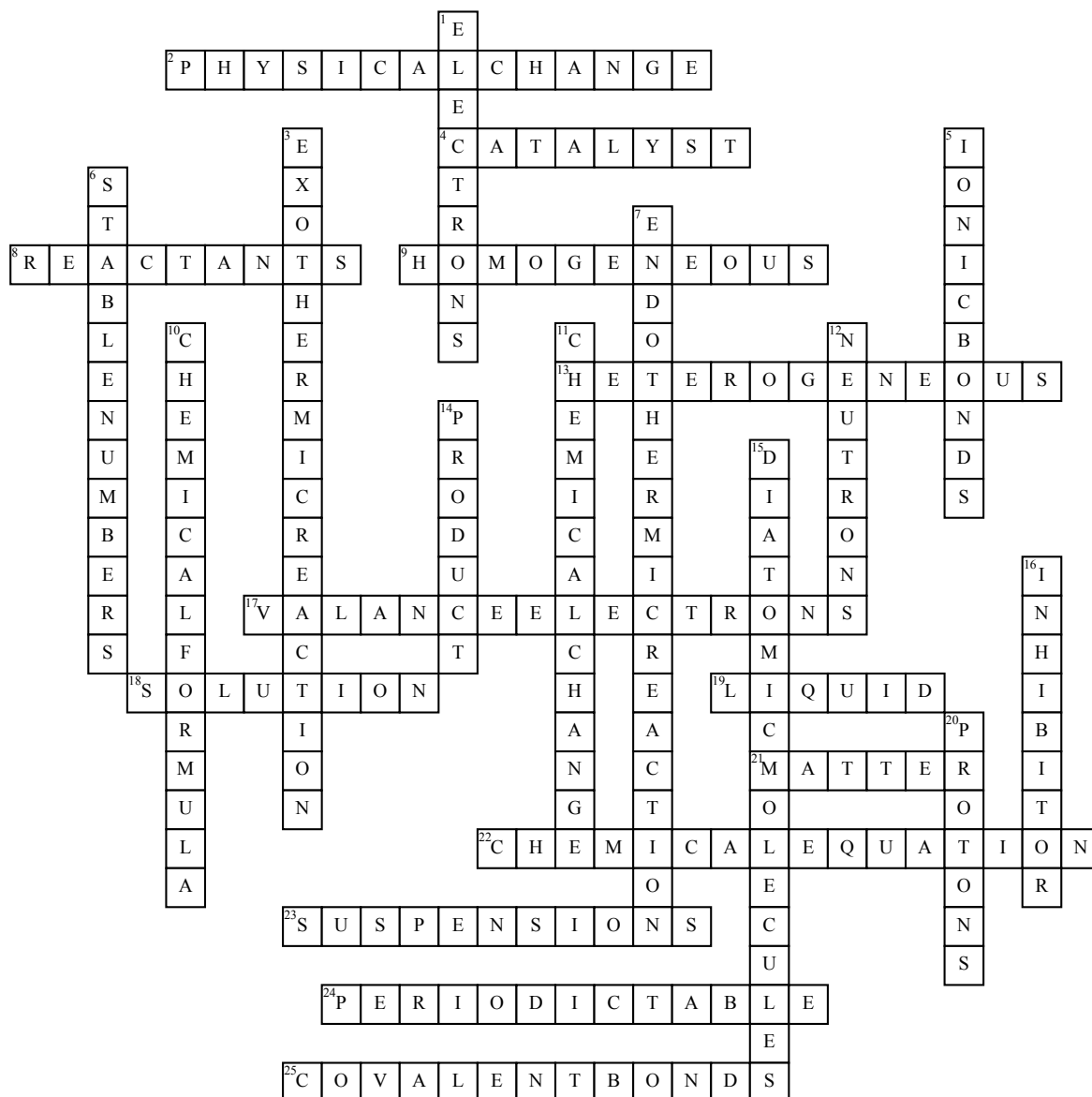


# 25 Science Midterm Review Terms



## Across

2. Alters the form or appearance of matter, but does not turn any substance in the matter into another substance.  
 4. A material that increases the rate of a reaction by lowering the activation energy.  
 8. A substance that enters into a chemical reaction.  
 9. Are so evenly mixed and difficult to separate the parts of the mixture.  
 13. Can see different parts and they can be easily separated out.  
 17. The electrons that are in the highest energy level of an atom and that are involved in chemical bonding.  
 18. A mixture containing a solvent and at least one solute that has the same properties throughout; a mixture in which one substance is dissolved in another.

19. Has definite volume, but no shape of its own, packed almost as close of an arrangement of particles as solids, but it moves more freely.  
 21. Anything that has mass and takes up space.  
 22. A short, easy way to show a chemical reaction, using symbols.  
 23. A mixture in which particles can be seen and easily separated by settling or filtration.  
 24. An arrangement of the elements showing the repeating pattern of their properties.  
 25. A chemical bond formed when two atoms share electrons.

## Down

1. Negatively charged particles  
 3. Releases energy

5. The attraction between oppositely charged ions.  
 6. 2, 8, 18, and 32  
 7. A change where energy is absorbed.  
 10. Represents a compound; which shows the elements in the compound and the ratio of atoms.  
 11. A change in matter that produces one or more new substances.  
 12. Has no electrical charge  
 14. A substance formed as a result of chemical reaction.  
 15. A molecule consisting of two atoms.  
 16. A material that decreases the rate of a reaction.  
 20. Positively charged particles