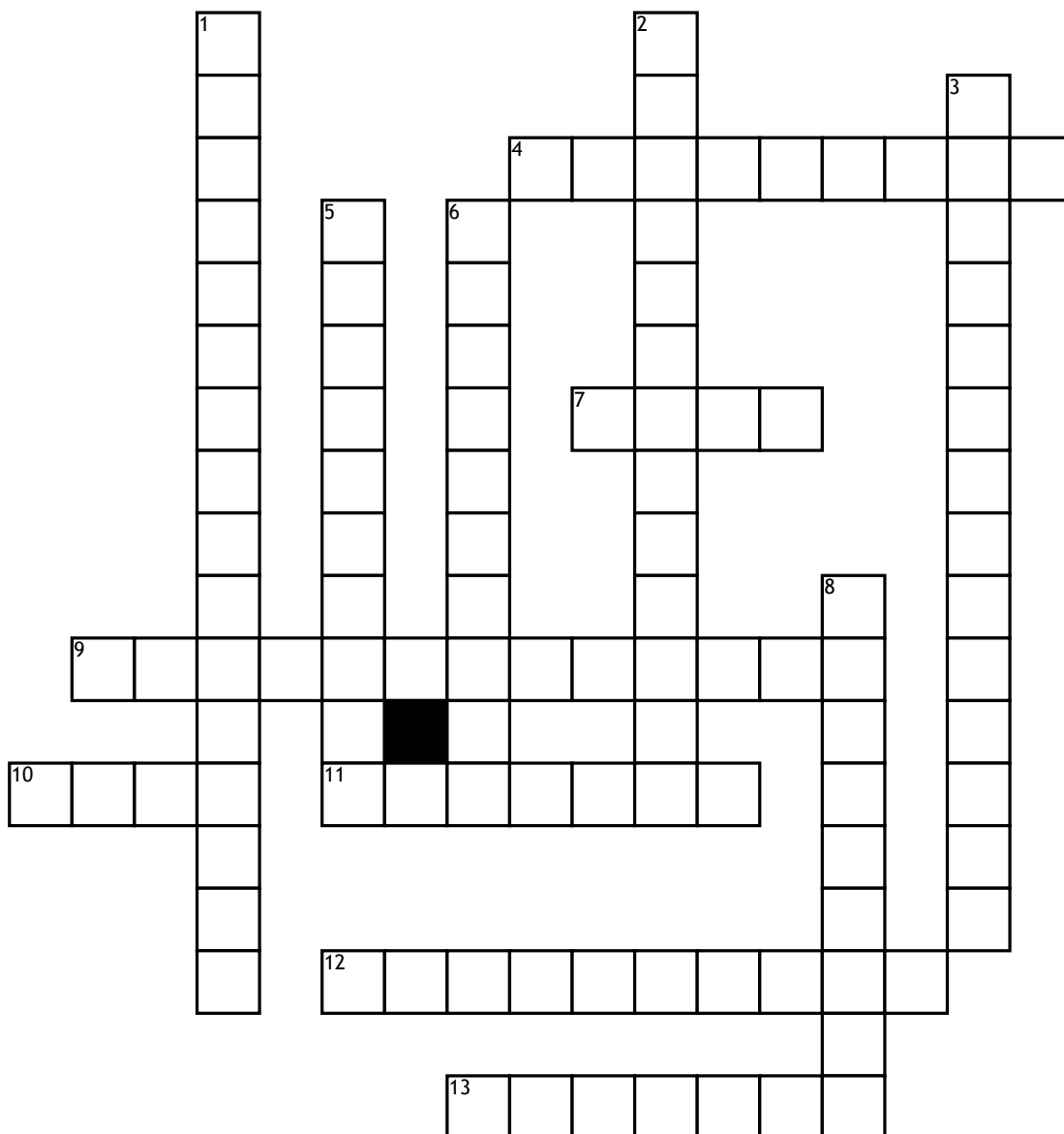


# Chemistry Crossword Puzzle



## Across

4. One can do this by raising coefficients  
 7. Corresponds to the mass of a substance that contains  $6.023 \times 10^{23}$  particles of the substance.  
 9. Using relationships between reactants and/or products  
 10. The basic unit of all matter  
 11. Calculated as mass/volume

12. The mass of an atom of a chemical element expressed in atomic mass units

13. A law stating that the volume of an ideal gas at constant pressure is directly proportional to the absolute temperature.

## Down

1. The simplest whole number ratio of each type of atom in a compound.

2. The difference in electronegativity between bonded atoms is between 0.5 and 1.9

3. Force that is much weaker than the Intramolecular forces of attraction

5. Chemical equations which are not balanced

6. Are a type of force acting between atoms and molecules.

8. The addition of 2 or more simple reactants to form a complex product.