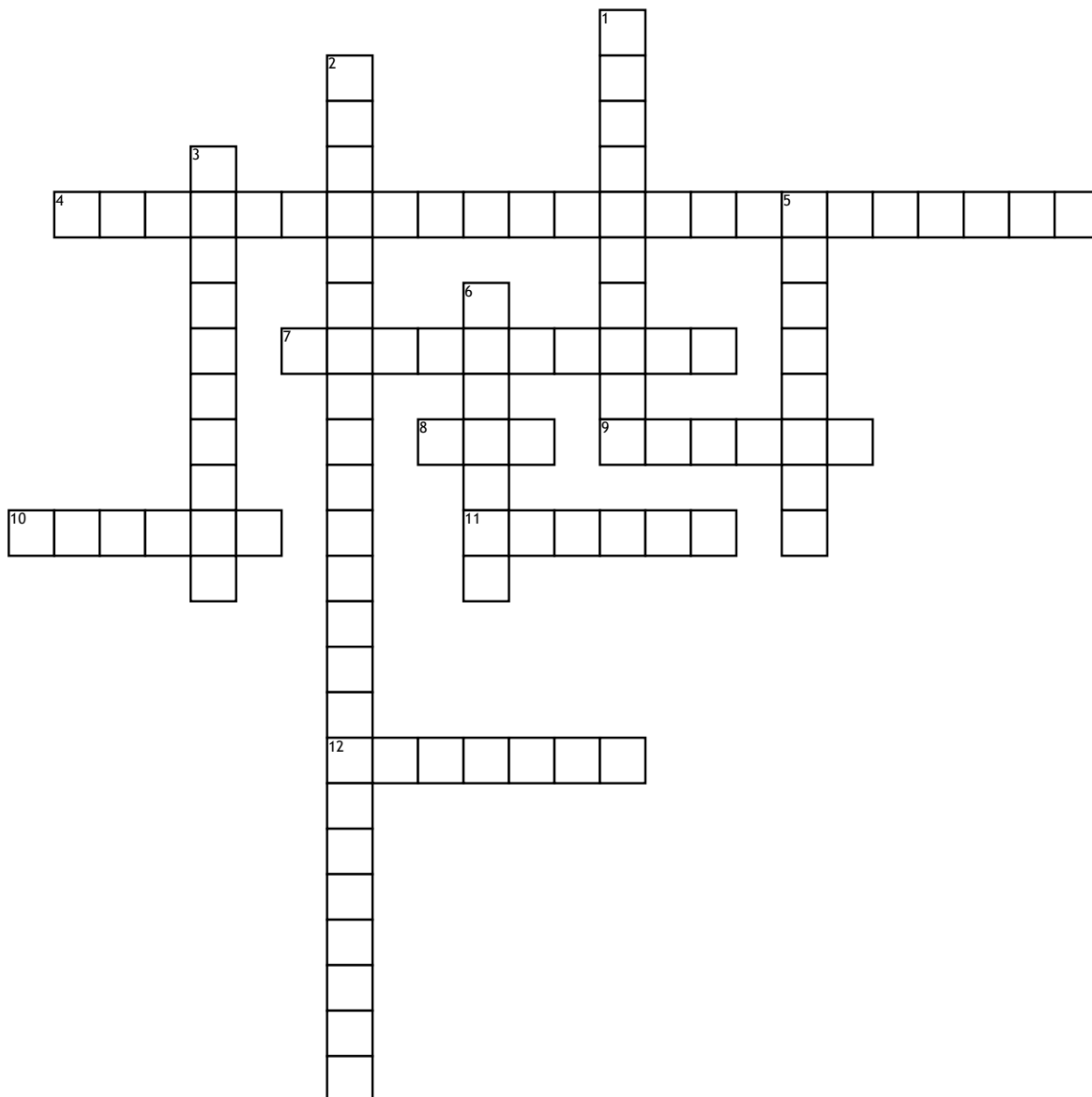


# ATOMS AND MOLECULES



**Across**

4. To obey which law a chemical equation should be balanced

7. the atomicity of sulphur

8. What is the number of electrons in  $Mg^{2+}$  ion ?

9. Name the element which is used as the reference for atomic mass

10. The mass number of an element is 18. It contains 7 electrons. What is the number of neutrons in it

11. Positively charged ion

12. The number of hydrogen atoms in 1 g of hydrogen.

**Down**

1. The atomicity of Argon

2. Molecular formula of a compound is always same, this obeys which law of combination.

3. Atoms of elements of this group are able to exist independently.

5. Uncharged particles found in the nucleus of an atom.

6. The combining capacity of an element