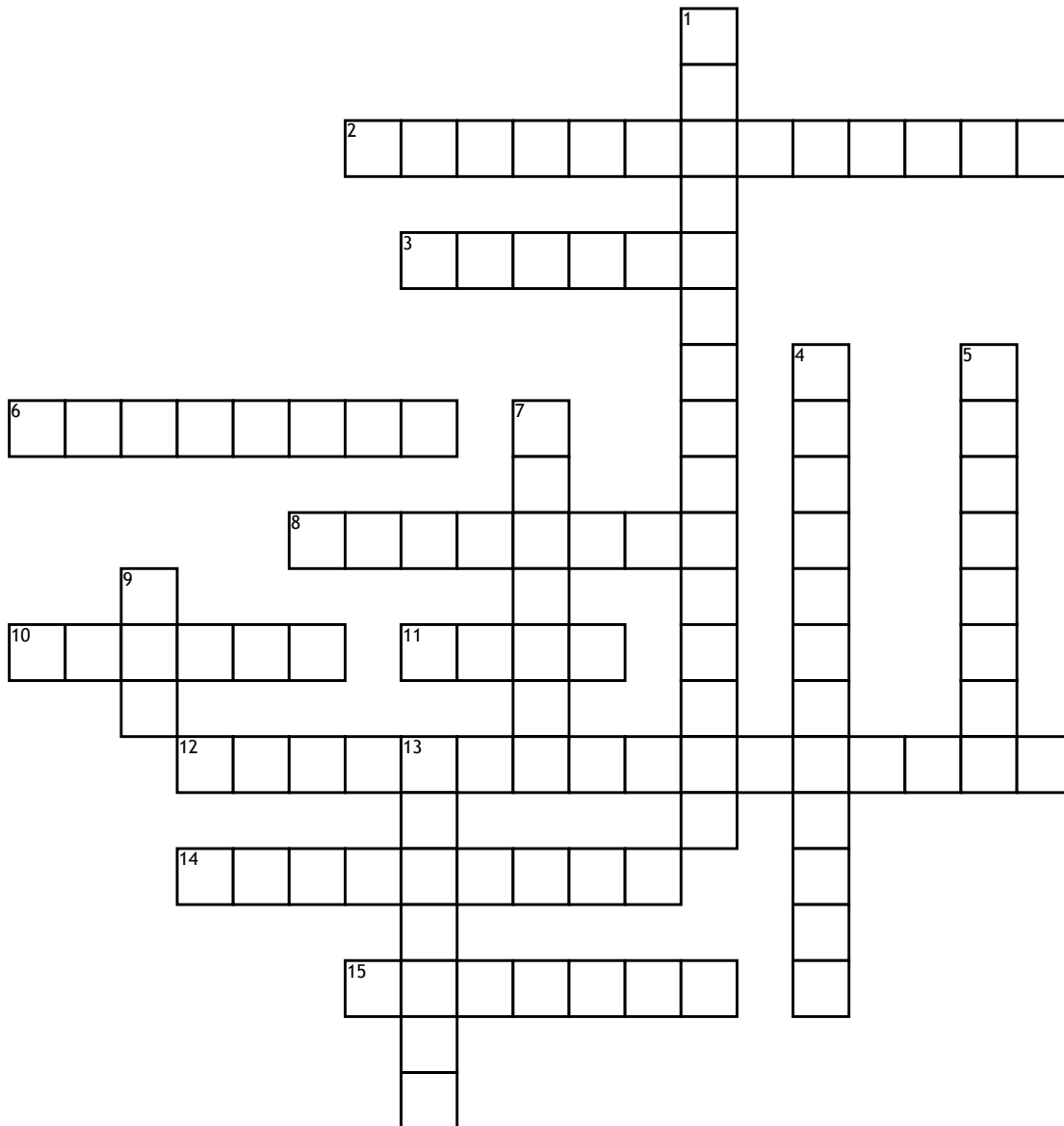


# Chemistry of Life



**Across**

- 2. table of all elements
- 3. Made up of one or more atoms
- 6. smallest unit of compounds
- 8. substance formed by the chemical combination of two or more elements in definite proportions
- 10. positively charged particle; located inside the nucleus
- 11. basic unit of matter

- 12. outer shell of an electron, associated with an atom, and participates in chemical bonds
  - 14. bond formed when one or more electrons are transferred from one atom to another
  - 15. neutral charge; located in nucleus
- Down**
- 1. he formulated the periodic table, and used it to correct the properties

- 4. bond formed by sharing electrons between atoms
- 5. negatively charged particle; located outside the atomic nucleus
- 7. atom of an element that has a number of neutrons different from other atoms in the same element
- 9. atom that has a positive or negative charge
- 13. Center of an atom which contains protons + neutrons