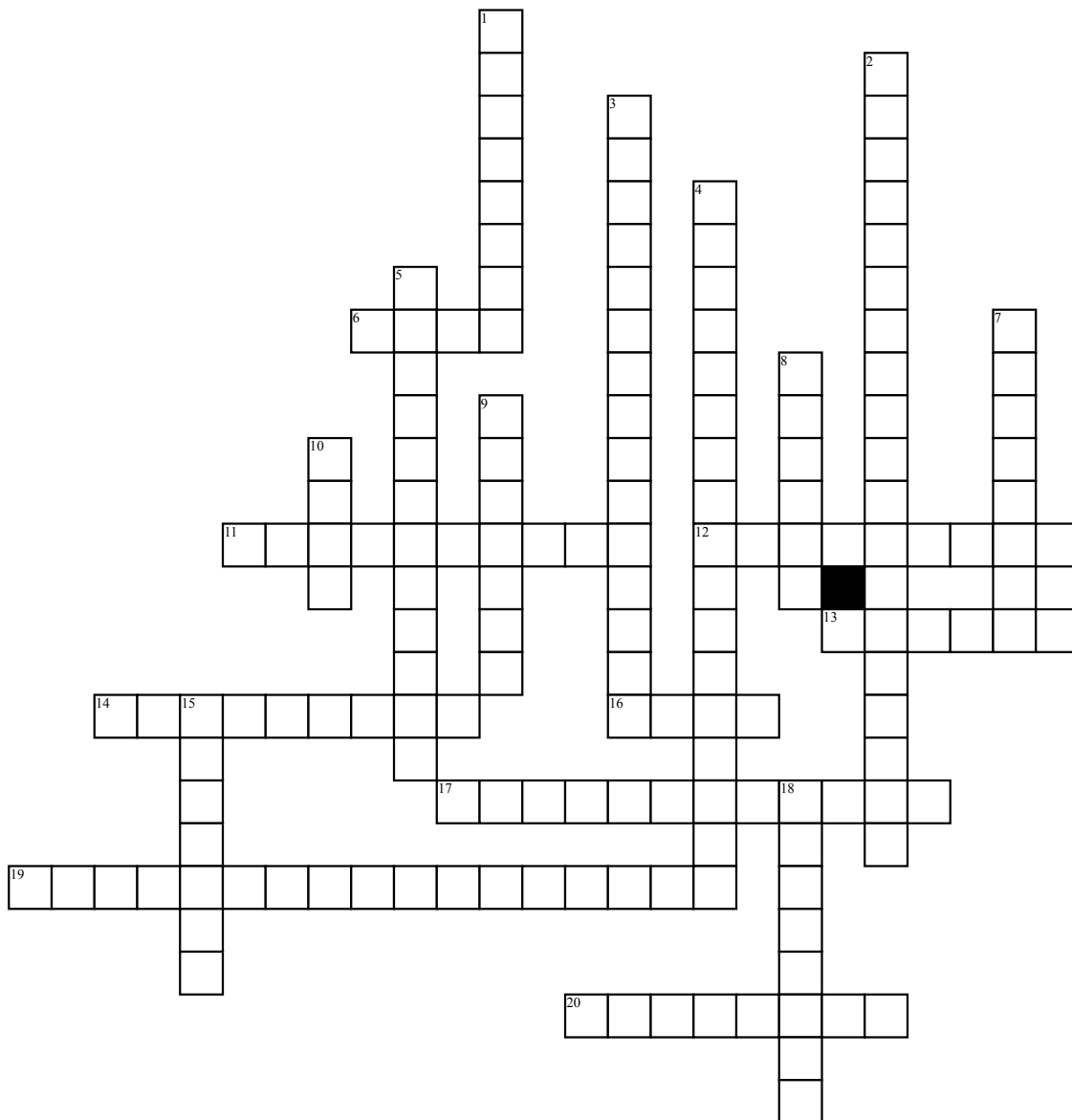


Unit 1- Chemistry of Life



Across

- 6. Positively and negatively charged atoms
- 11. Total number of protons and neutrons in an atom
- 12. Study of the composition of matter and the changes
- 13. Amount of space an object occupies
- 14. Formed when one or more electrons are transferred from one atom to another
- 16. Basic unit of matter
- 17. Number of protons in the nucleus of an atom

- 19. Inter molecular forces of attraction

- 20. A substance formed by the chemical combination of two or more elements in definite proportions

Down

- 1. Atoms of the same element that differ in the number of neutrons
- 2. Have unstable nuclei that break down overtime
- 3. Shows the kinds and number of each element in a compound

- 4. Formed by chemical composition of two or more elements in definite proportions

- 5. Formed when electrons are shared between atoms

- 7. A negatively charged particle (-)

- 8. Anything that has mass and takes up space

- 9. A pure substance that consists entirely of one type of atom

- 10. Quantity of matter in an object

- 15. Made up of protons and neutrons

- 18. The smallest unit of most compounds