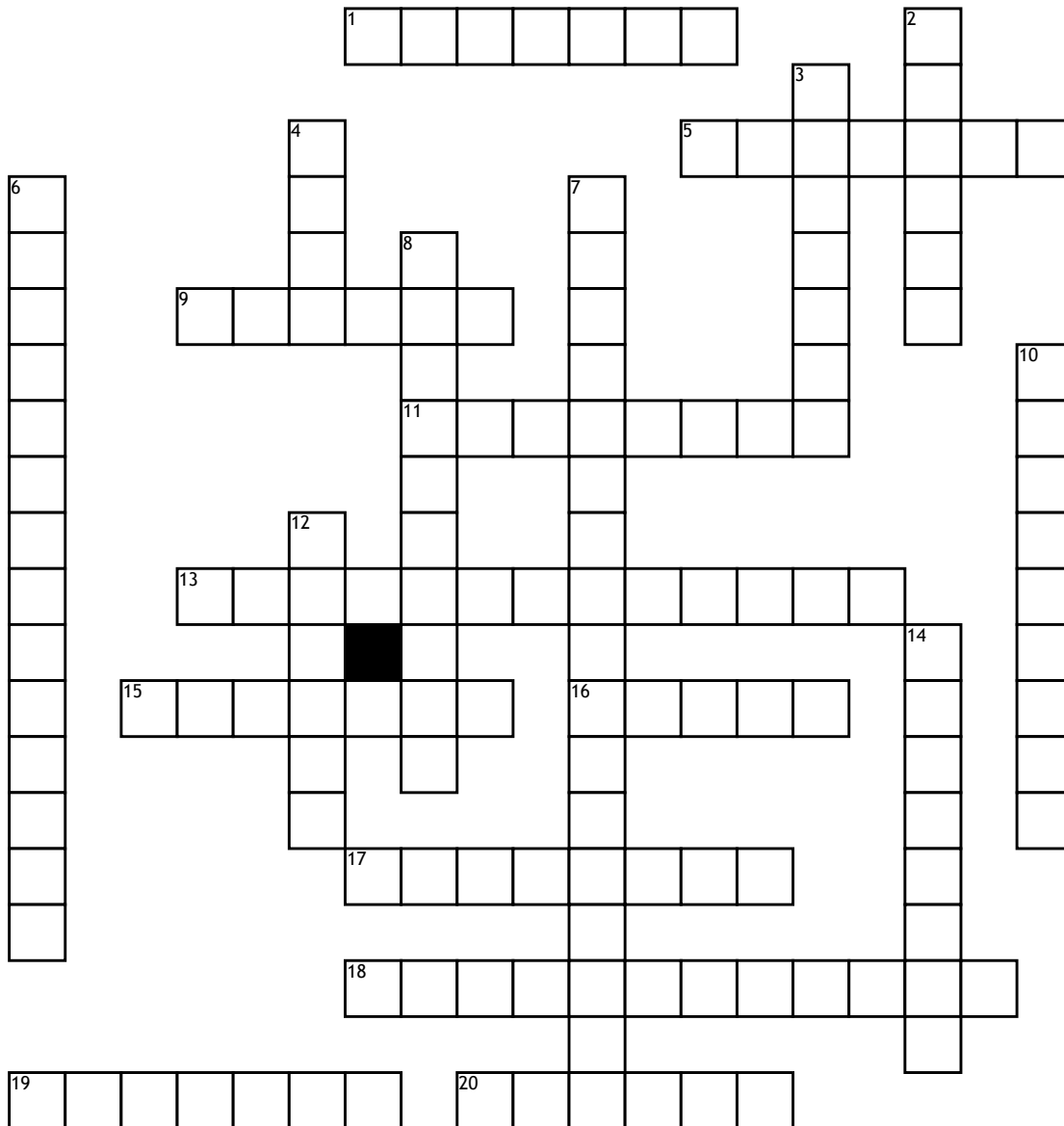


# Periodic Table Vocabulary



**Across**

- 1. What has a positive charge
- 5. What atom doesn't have charge
- 9. whats the short representation of a chemical element
- 11. Elements with equal numbers of protons but different numbers of neutrons are called
- 13. what is the outside part of an atom around the atomic nucleus.
- 15. the element with the Symbol SI is called

- 16. Whats another word for "family" in the periodic table
- 17. What element is on group 13 period 3
- 18. what is the number of protons in an atom's nucleus called
- 19. Element with the Symbol CA
- 20. which element has an atomic number of 8

**Down**

- 2. what has the same number of atomic orbitals
- 3. What is the center where protons and neutrons are located is called

- 4. Whats is the smallest component of an element called
- 6. The elements on group 1 are called
- 7. whats the measure of an atom to attract a bonding pair of electrons
- 8. What is the complete loss of an electron from an atomic or molecule called
- 10. What has a negative charge
- 12. What element has a mass of 4.003
- 14. what element is on period 1 group 1