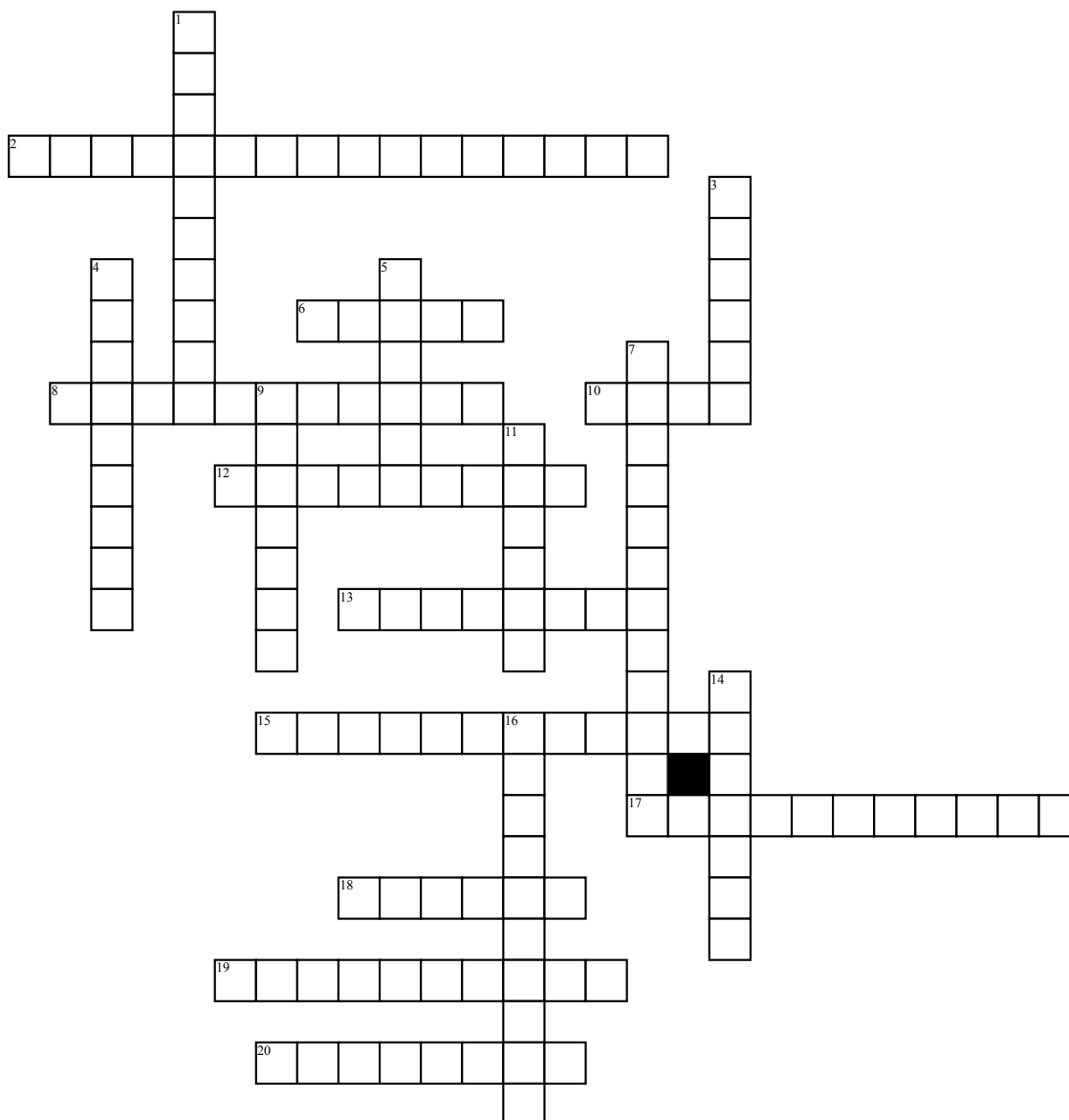


# The Periodic Table of Elements



**Across**

- 2. Groups 3 through 12 on the Periodic Table
- 6. What do you call the column on the Periodic Table?
- 8. A rare earth metal named after a famous scientist
- 10. The basic unit of a chemical element
- 12. Who created the first periodic table of elements?
- 13. Each of two or more kinds of the same element that contain same numbers of protons but different numbers of neutrons in their nuclei

15. The amount of protons in the nucleus of an atom

- 17. Another name for inner transition metals
- 18. The eighth element on the periodic table
- 19. The weight of an atom
- 20. The first element on the Periodic Table

**Down**

- 1. An element discovered in 1669
- 3. What does the abbreviation for Iron stand for?

4. Another name for rare earth elements

- 5. A halogen in Period 5
- 7. An abbreviation used to represent an element
- 9. Something that can't be broken down into another substance by any chemical or physical means
- 11. What do you call the rows on the Periodic Table?
- 14. The heaviest natural-occurring element
- 16. Group 18 on the Periodic Table