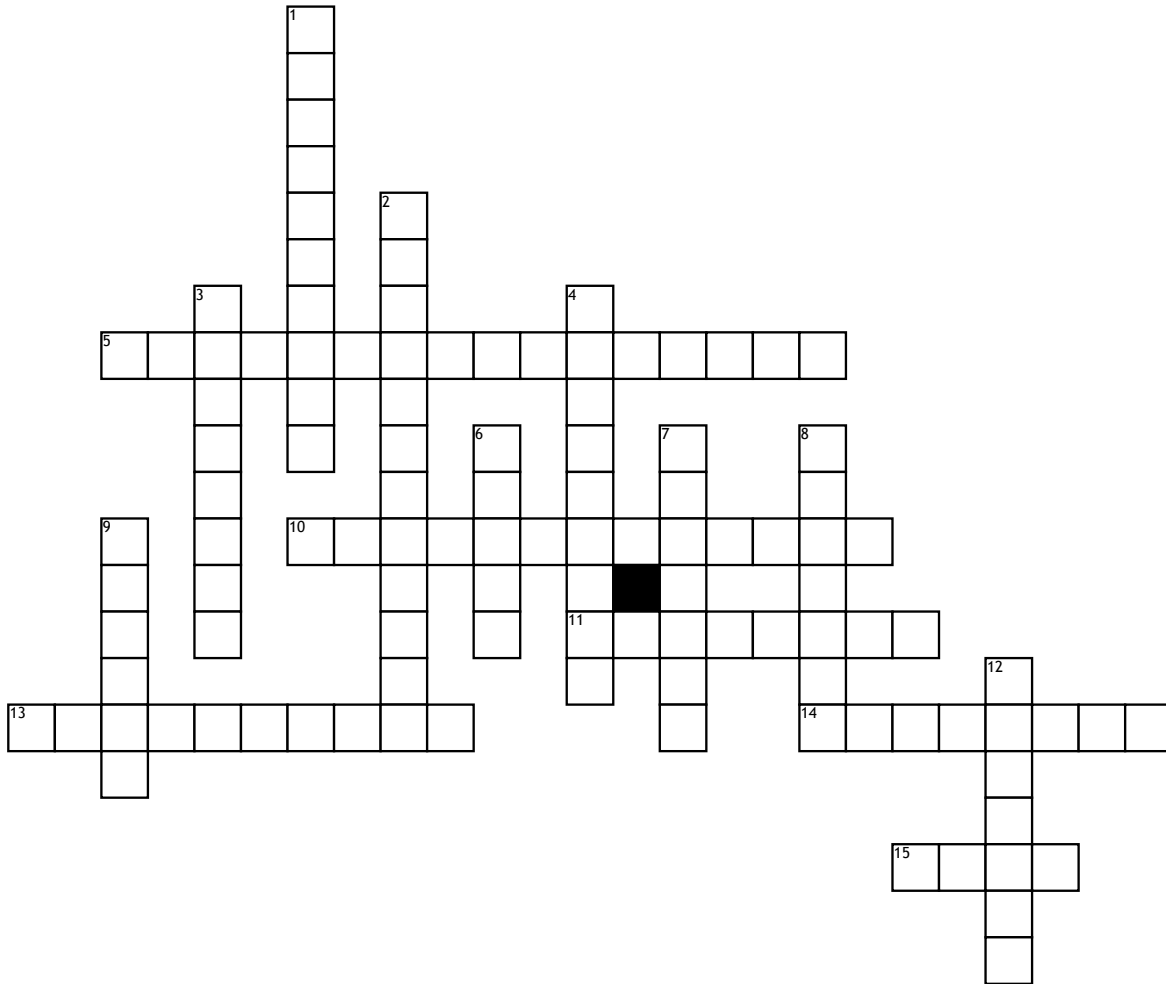


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Atoms & the Periodic Table Crossword Puzzle



## Across

5. The number of valence electrons in an atom determines its \_\_\_\_.
10. Area in an atom where an electron is found
11. Negative charge of an atom
13. The mass of a single atom of an element is called the \_\_\_\_.
14. An element that is not a metal is called a \_\_\_\_ element.

15. The basic unit of an element

## Down

1. Has the properties of both metals and non-metals
2. The metals in group 1 on the periodic table are called \_\_\_\_.
3. An element that has the least amount of valence electrons is highly \_\_\_\_.
4. A model consisting of a nucleus surrounded by orbiting electrons

6. A chemical element that is an effective conductor of electricity and heat

7. The center of an atom, consisting of protons and neutrons
8. Neutral charge of an atom
9. Positive charge of an atom
12. Horizontal rows on the periodic table are called \_\_\_\_.