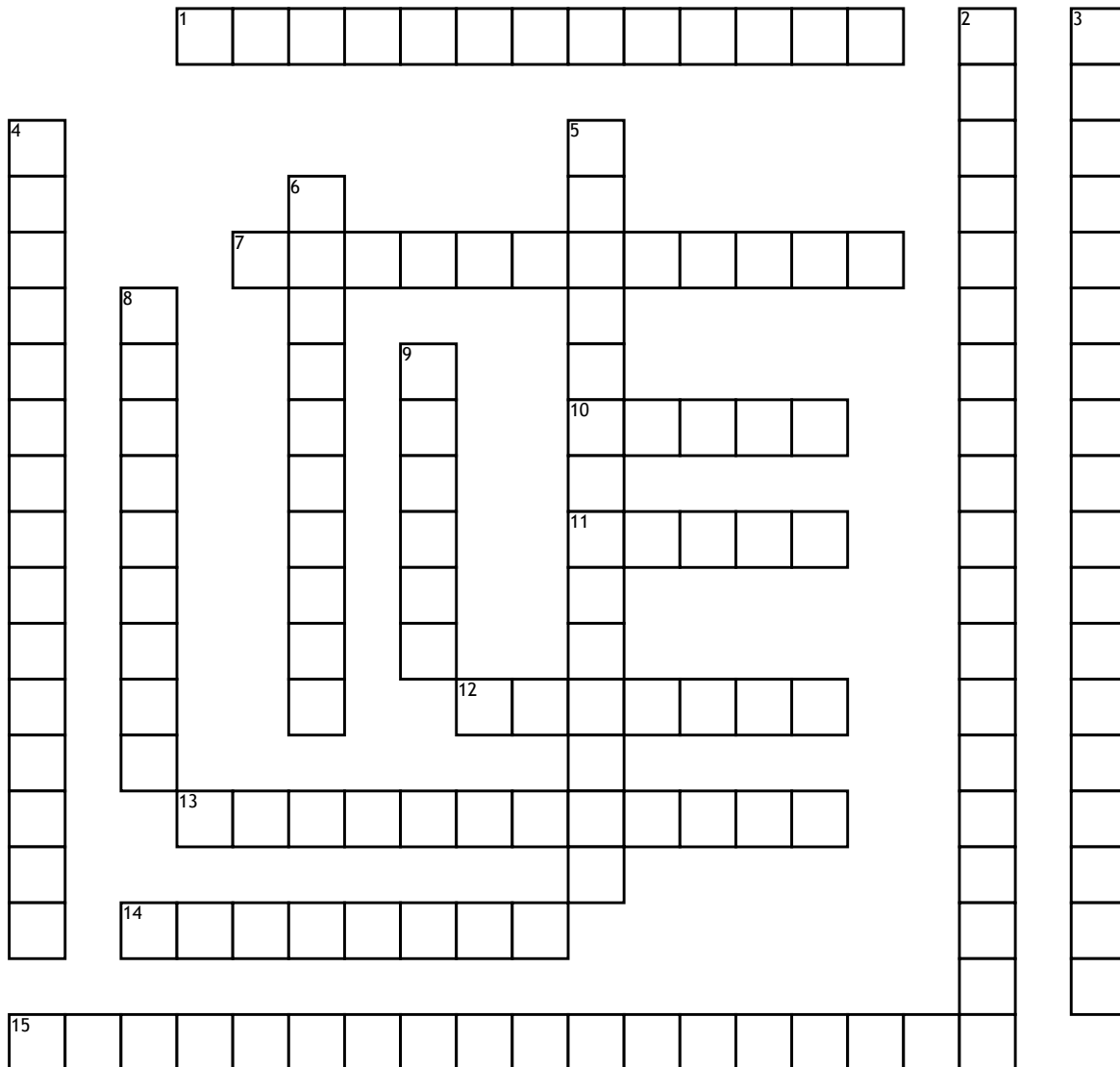


7th Grade Contract



Across

1. a table filled with elements
 7. The number of protons in an atom; also identifies the element.
 10. Vertical columns of elements with similar properties, numbered 1-18
 11. Good conductors of heat & electricity
 12. substance made up of atoms with the same identity

13. The most reactive of all metals; don't occur in nature in their element form

14. atoms of two or more elements combined

15. Most familiar metals because they often occur in nature uncombined

Down

2. Shiny, ductile, and malleable; combine readily with other elements

3. Uses the element symbol and dots to represent outer energy level

4. Devised first periodic table based on atomic mass

5. Arranged elements by atomic number and is what we use today

6. Composed mostly of protons and neutrons in the nucleus; also known as mass number

8. type of matter with a fixed composition that CANNOT be separated by physical means

9. Horizontal row of elements that contain increasing numbers of protons & electrons