

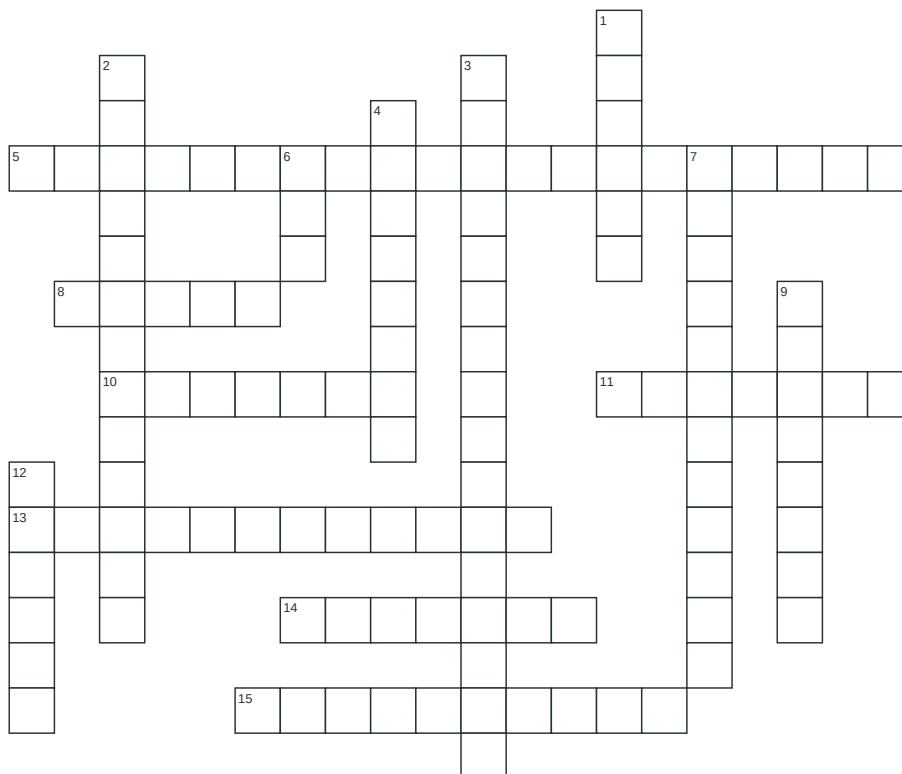
Atomic Structure Crossword

Medium | 15 clues | Student Worksheet

Name: _____

Date: _____

Directions: Use the clues to complete the grid. Omit spaces, punctuation, and hyphens.

**ACROSS**

5. The positive and negative charges balance
8. Definition of a vertical column of the periodic table called
10. Subatomic particle that has no electric charge
11. Membrane-bound organelle that contains most eukaryotic DNA.
13. Number of protons in an atom's nucleus.
14. Pure substance made of only one type of atom.
15. Group that includes helium, neon, and argon

DOWN

1. Subatomic particle that carries a positive electric charge

DOWN (continued)

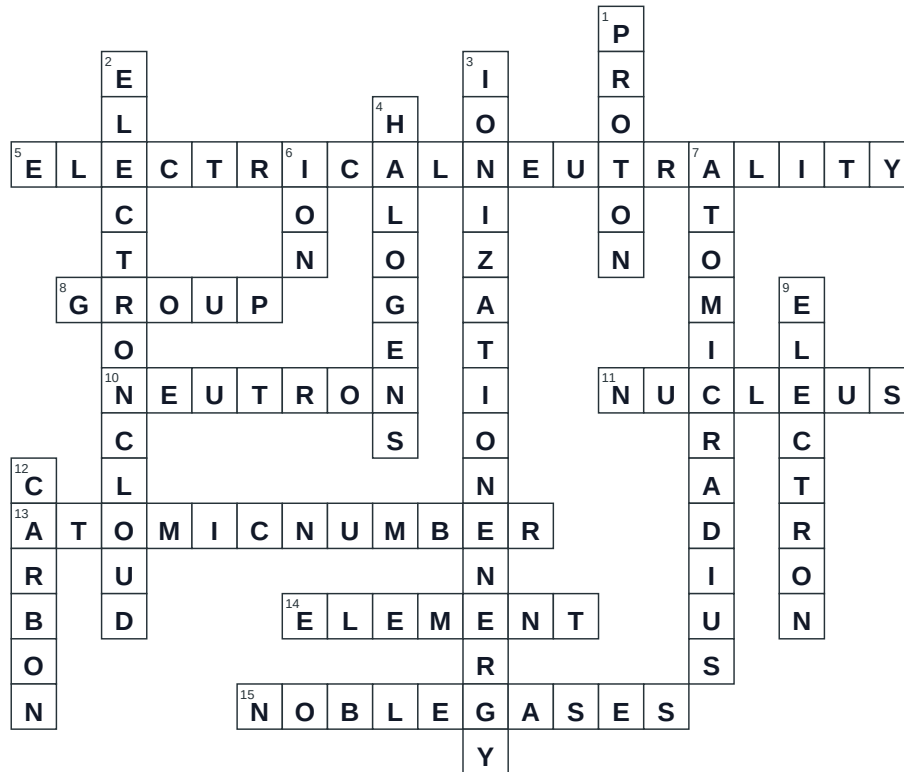
2. Electron locations are described by regions of probability
3. Energy required to remove an electron from a gaseous atom or ion
4. Group that includes fluorine, chlorine, and bromine
6. Atom or group of atoms with a net electric charge
7. Measure related to the size of an atom.
9. Definition of a beta-minus particle emitted in nuclear decay
12. Element that forms the backbone of most organic molecules

Atomic Structure Crossword

Medium | 15 clues | Teacher Answer Key

TEACHER ANSWER KEY

Completed grid and numbered answers. Spaces and punctuation are omitted in the grid.



ACROSS

5. Electrical Neutrality
8. Group
10. Neutron
11. Nucleus
13. Atomic number
14. Element
15. Noble Gases

DOWN

1. Proton
2. Electron Cloud
3. Ionization Energy
4. Halogens
6. Ion
7. Atomic radius
9. Electron
12. Carbon