

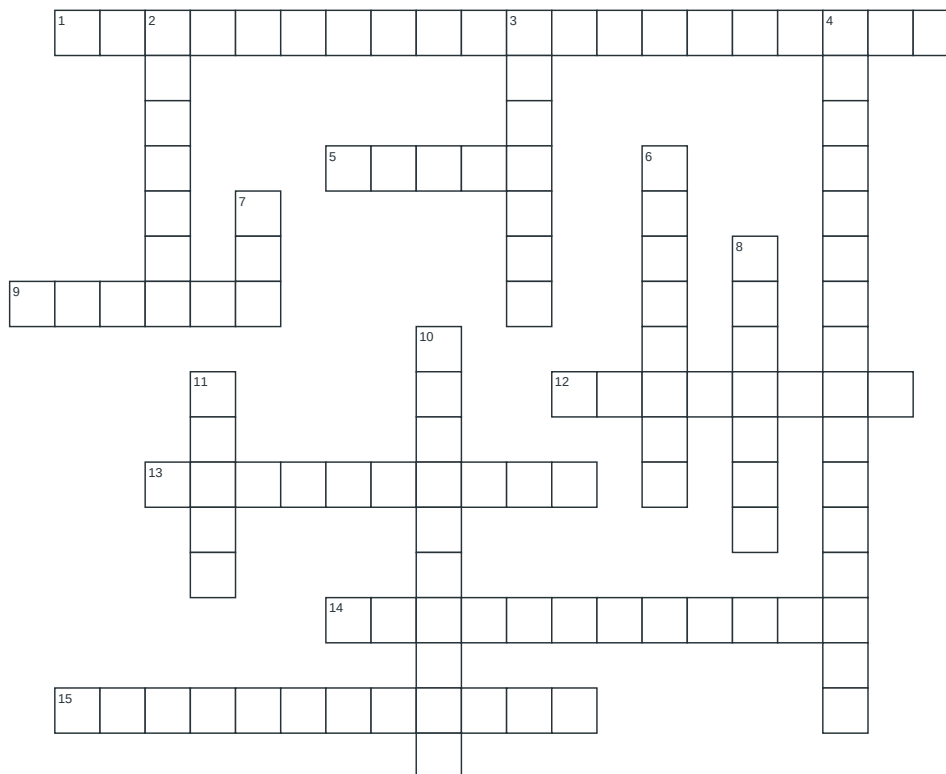
Periodic Table and Trends Crossword

Medium | 15 clues | Student Worksheet

Name: _____

Date: _____

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



ACROSS

- Condition in which positive and negative charges balance.
- An unfamiliar element readily conducts electricity and can be hammered into a sheet. Which classification best fits
- Subatomic particle that carries a positive electric charge
- Definition of a beta-minus particle emitted in nuclear decay
- Group that includes helium, neon, and argon
- Number of protons in an atom's nucleus
- Increases as additional occupied electron shells are added

DOWN

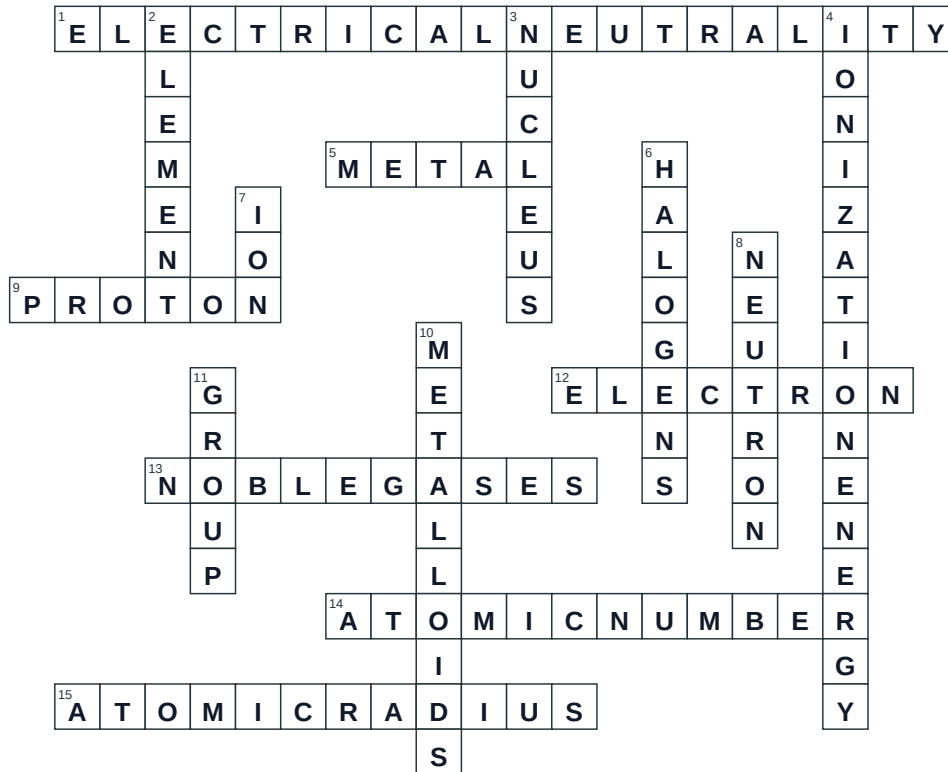
- Pure substance made of only one type of atom.
- Membrane-bound organelle that contains most eukaryotic DNA.
- Energy required to remove an electron from a gaseous atom or ion
- Group that includes fluorine, chlorine, and bromine
- Atom or group of atoms with a net electric charge.
- Subatomic particle that has no electric charge
- Have some properties associated with each group
- Definition of a vertical column of the periodic table called

Periodic Table and Trends Crossword

Medium | 15 clues | Teacher Answer Key

TEACHER ANSWER KEY

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



ACROSS

1. Electrical neutrality
5. Metal
9. Proton
12. Electron
13. Noble Gases
14. Atomic Number
15. Atomic Radius

DOWN

2. Element
3. Nucleus
4. Ionization Energy
6. Halogens
7. Ion
8. Neutron
10. Metalloids
11. Group