

Write the letter of the correct match next to each problem.

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|-----|-------------|--|
| 1. | Atom | a. small particle in nucleus of atom, no charge |
| 2. | Nucleus | b. positively charged particle in nucleus |
| 3. | Neutrons | c. horizontal row on periodic table |
| 4. | Proton | d. elements on the zig zag line, properties of metals and nonmentals |
| 5. | Electron | e. regions within an atom that the electron will most likely occupy |
| | Mass | f. basic particles of elements |
| 6. | Number | |
| 7. | Metal | g. number of protons in the nucleus |
| 8. | Nonmetal | h. Center of an atom, contains protons and neutrons |
| | | i. negatively charged particle outside nucleus |
| 9. | Metalloid | |
| 10. | Atomic mass | j. chart of elements showing patterns of properties |
| | Periodic | k. sum of protons and neutrons in nucleus |
| 11. | Table | |
| | Atomic | l. average mass of all isotopes of an element |
| 12. | number | |
| | | m. class of elements characterized by physical properties such as shininess, malleability, and ductility |
| 13. | Period | |
| 14. | Group | n. where electrons are found around the nucleus of an atom |
| | Chemical | o. vertical column on periodic table |
| 15. | symbol | |
| | Electron | p. elements that lack most of the properties of metals, on the right side of the zig |
| 16. | cloud | zag line |
| | Electron | q. 1 or 2 letter representation of an element on periodic table |
| 17. | orbital | |