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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Science vocabulary

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| **Across**  **1.** The sum of protons and neutrons in the nucleus of an atom.  **3.** Negatively charged particle that moves around the outside of and atom.  **6.** An element that lacks most of the properties of a metal.  **10.** Positively charged particles that are found in the necleus of and atom.  **12.** An element in group 18 of the periodic table.  **14.** A class of elements characterized by physical properties.  **15.** One of the elements in groups 3 through 12 of the periodic table.  **16.** An element that has some characteristics of both metals and nonmetals.  **17.** A region of an atom in which electrons of the same energy are likely to be found. | **Down**  **2.** An element in group 2 of the periodic table.  **4.** A small particle in the nucleus of the atom, with no electral charge.  **5.** The number of protons in the nucleus of an atom.  **7.** The advrage mass of all the isotopes of an element.  **8.** An element in group 1 of the periodic table.  **9.** Elements in the same vertical column of the periodic table.  **11.** An element found in group 17 of the periodic table.  **13.** A horizontal row of elements in the periodic table. |