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

Chemistry Crossword

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| **Across****2.** Areas around a nucleus that contain electrons **6.** Bond between ions that is caused by the SHARING of electrons**10.** Atom that has lost or gained an electron**11.** Center of the Atom**12.** Subatomic particle with a positive charge. **14.** Electrons in the outermost shell**15.** Smallest part of an element, made up of protons electrons and neutrons | **Down****1.** subatomic particle with negative charge, found inside the energy levels of an tom**3.** Atoms of the SAME element with different numbers of electrons**4.** Total number of protons and neutrons in an atom**5.** Total number of protons and electrons in an atom**7.** An ion that has gained an electron, giving it a negative charge**8.** Bond between two ions that is the result of the TRANSFER of electrons**9.** Subatomic particle found in the nucleus, no charge**13.** An Ion that has lost an electron, making it have a positive charge. |

   Proton       Ion       Cation       neutron       Valence       energy levels       nucleus        Isotopes       Anion       Atom       Electron       Ionic Bond        Covalent Bond       Atomic Mass       Atomic Number