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

Chemistry Crossword

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | 3 |  |  |  |  |  |  |  |
|  | 4 |  |  |  |  |  |  |  |  | 5 |  |  |  |  |  |  |  |  |  |
|  |  |  | 6 |  |  | 7 |  |  |  |  |  |  |  |  |  | 8 |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 9 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | 10 |  |  |  | 11 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 12 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 13 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 14 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|  |  |
| --- | --- |
| **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