**ATOMIC CONCEPT**

**Introduction to Period Table – HW02**

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

**The Periodic Table of Elements: What am I?**

**Complete the table:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Question** | **Element** | **Symbol** | **Atomic Number** | **Atomic Mass** | **Mass Number** | **Proton** | **Neutron** | **Electron** |
| 1. You use me to write on papers. |  |  | **6** |  |  |  |  |  |
| 1. In the Olympics, I am the metal you want to win 1st. |  |  |  |  |  |  | **118** |  |
| 1. I am in your kitchen pantry, waiting to wrap up some leftovers. |  |  |  |  |  |  |  |  |
| 1. I am found in jewelry, but am not as expensive as other metals. |  |  |  |  |  |  |  |  |
| 1. Thereare two of me in one water molecule. |  |  |  |  |  |  |  |  |
| 1. Kids love me! I am often used to expand small objects and make them float. |  |  |  |  |  |  |  |  |
| 1. When I am combined with 2 oxygen atoms, plants use me to engage in photosynthesis. |  |  | **6** |  |  |  |  |  |
| 1. I am a very important metal that makes your bones grow healthy and strong, you find me in dairy products. |  |  |  |  |  |  |  |  |
| 1. You take me when you have a belly ache. I can speed up your body processes and make you RUN to the bathroom. |  | **Mg** |  |  |  |  |  |  |
| 1. You pump me to build your muscles; I am also found in your breakfast cereal. |  |  |  |  | **56** |  |  |  |
| 1. I am bigger than a dime, but worth less. |  |  |  |  |  |  |  |  |
| 1. You use me to keep the pool clean. |  |  |  |  |  |  |  |  |
| 1. Without me, you’d die because you wouldn’t be able to breath! |  |  |  |  |  |  |  |  |
| 1. When you mix me with hydrogen, I produce a vile stink rotten eggs and skunky odors. |  |  |  |  |  |  |  |  |
| 1. I am found in bananas and pumpkins? |  |  |  |  |  |  |  |  |
| 1. I protect people from the sun’s rays and prevent sunburn when apply to your skin. |  |  |  | **65.409 amu** |  |  |  |  |