**8.5A**

**A)** Label parts of the atom and fill in the table below.

|  |  |  |  |
| --- | --- | --- | --- |
| **Particle** | **Charge** | **Mass** | **Location** |
| **Proton** |  |  |  |
|  |  |  | **Nucleus** |
|  | **Negative (-)** |  |  |

**8.5A**

**B)** Fill in the P.E.N. for the following elements. Include the charge for each Particle.

|  |  |  |  |
| --- | --- | --- | --- |
| **Element** | **Protons** | **Electrons** | **Neutrons** |
| **Xenon** |  |  |  |
| **Cobalt** |  |  |  |
| **Tungsten** |  |  |  |
| **Lithium** |  |  |  |
| **Titanium** |  |  |  |
| **Arsenic** |  |  |  |

**8.5A**

**C)** Create an atom model of an assigned element using candy, glue and a paper plate.



\*Materials: Skittles, Glue and Paper Plates.

**8.5A**

**D)** Draw element boxes, P.E.N. and the Bohr Model for the following elements.

|  |  |
| --- | --- |
| **Neon** | **Oxygen** |
| **Aluminum** | **Helium** |