

**Chemistry 0 Week 4 Assignment on 10/24/2021**

**Due Date: 10/30/2021**

Please answer the following questions:

1. What is the atomic number?
2. What is the mass number?
3. How many valence electrons can fit in the first energy level?
4. What does the nucleus of an atom contain?
5. What's a valence electron?
6. How many electrons does an atom with 8 protons have?
7. How many valence electrons does Boron have?
8. How many valence electrons do the alkali metals have?
9. How many electrons does Si contain?
10. How many valence electrons does Si contain?