QUIZ #1 Bohr Models and the Periodic Table

1) Mendeleev organized his Periodic Table by increasing _____ _____

   a) (3 points) The modern Periodic Table is organized from left to right by increasing _____ _____, and;

   In rows by, elements with the same number of _____ _____

   In columns by, elements with the same number of _____ _____

2) What is the unit of mass for particles in an atom?

3) The atomic number is equal to the number of _____ in the nucleus.

4) Match the particle with its charge. (1 point each)

_____ Proton	a) negative
_____ Neutron	b) positive
_____ Electron	c) neutral

5) _____ True or False. Electrons have a large mass compared to the nucleus.

6) Most of the mass of an atom is in the _____.

7) Why is an atom neutral?

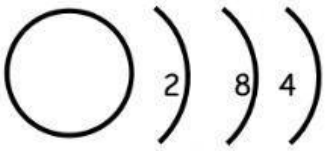
8) What does the atomic mass tell us about the number of protons and neutrons in an atom?

9) (2 points) If an element has 5 **energy levels** and 3 **valence electrons** it is in:

   a) Family _____

   b) Period _____

10) Look at this Bohr Model, which only has the electrons for a certain element. Based on this information this element would be in: (3 Points)



   a) Family _____

   b) Period _____

   c) The name of the element is _____

Link to Period Table