Name _____ Date _____ Period _____

# Parts of an Atom Chart

| Element/Ion | Atomic Number | Mass Number | Protons | Neutrons | Electrons | Charge |
|---|---|---|---|---|---|---|
| $_{1}^{1}H^{0}$ | | | | | | |
| $_{1}^{2}H^{+1}$ | | | | | | |
| $_{2}^{3}He^{0}$ | | | | | | |
| $_{2}^{4}He^{0}$ | | | | | | |
| $_{3}^{7}Li^{0}$ | | | | | | |
| $_{3}^{8}Li^{+1}$ | | | | | | |
| $_{4}^{9}Be^{0}$ | | | | | | |
| $_{4}^{10}Be^{+2}$ | | | | | | |
| $_{5}^{10}B^{+3}$ | | | | | | |
| $_{8}^{15}O^{-2}$ | | | | | | |
| $_{8}^{16}O^{0}$ | | | | | | |
| $_{9}^{18}F^{-1}$ | | | | | | |
| $_{10}^{20}Ne^{0}$ | | | | | | |
| $_{11}^{23}Na^{0}$ | | | | | | |
| $_{11}^{22}Na^{+1}$ | | | | | | |

1.) Complete the Chart above.
2.) Draw a model of the Bohr atom for a normal atom of Helium, Boron, Fluorine and Neon.  Use "x" for Protons and "o" for Neutrons in the nucleus of each atom.  Put in the correct number of electrons into each energy level.  Remember that the 1st can hold up to 2, the second up to 8 and the outer level up to 8.   Label each atom.