

Ions Assessment

Name: _____ Period: _____

1. An atom is neutral (has a charge of 0). This is because the number of electrons is equal to the number of _____.
2. Beryllium has an atomic number of 4 and a mass number of 9. Beryllium has _____ p^+ , _____ n^0 , and _____ e^- .
3. When forming ions, metals tend to _____ electrons and non-metals tend to _____ electrons.
4. An atom _____ electrons to become an anion.
5. An anion has a _____ charge.
6. An atom _____ electrons to become a cation.
7. A cation has a _____ charge.
8. The symbol for a lithium ion is _____.
9. The symbol for an oxide ion is _____.
10. The symbol for a nitride ion is _____.