



1. What is a positive ion called? cation
2. What is a negative ion called? anion
3. When an atom gains an electron the size increase and it goes from neutral to negative.
4. When an atom loses an electron the size decreases and it goes from neutral to positive.
5. Positive ions tend to be metals or non-metals? metals
6. Negative ions tend to be metals or non-metals? non metals
7. Why does an atom gain or lose electrons? to have full s and p orbitals like noble gases
8. Why do all halogens have a -1 charge? gain 1e- to get full octet (they start w/ 7 valance e-)

Look on line for #1-40 questions