

Homework #4

1. Define Electronegativity
 2. Define relative scale, define arbitrary scale too.
 3. Which element has the highest EN value? What does that mean about this atom?
 4. Which part of the periodic table tends to have the highest EN values? Why?
 5. Which part of the periodic table tends to have very low EN values? Why?
 6. Define 1st Ionization Energy.
 7. What this the GROUP TREND for 1st Ionization energy going down any group?
 8. What is the PERIOD TREND for 1st Ionization energy going across any period?
 9. What atoms have the highest 1st Ionization energy and WHY?
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Homework # 5

1. Explain how cations & the atoms they form from relate by atomic size. Which are bigger, why?
2. Explain how anions & the atoms they form from relate by atomic size. Which are bigger, why?
3. What is the GROUP TREND, and the PERIOD TREND, for cation size?
4. What is the GROUP TREND, and the PERIOD TREND for anion size?