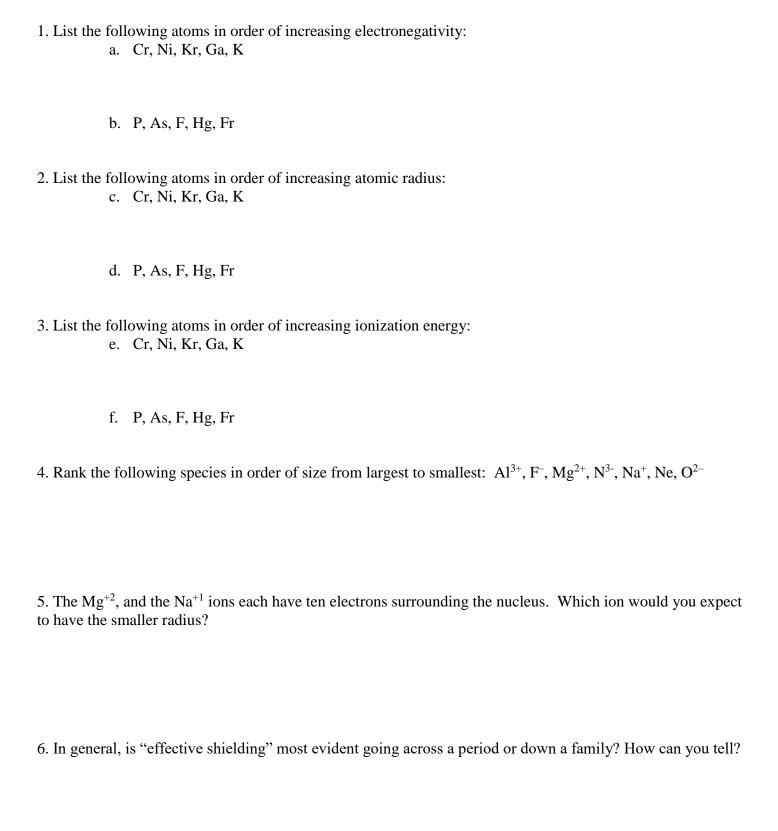
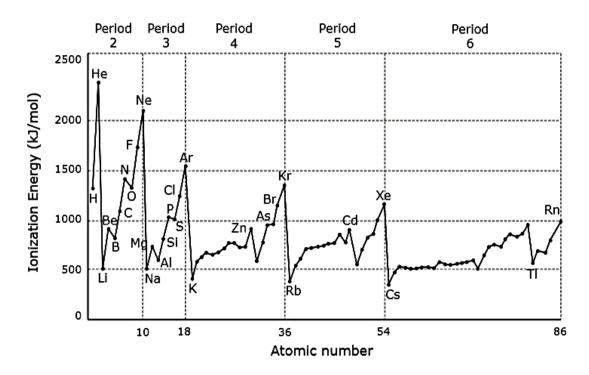
Honors Chemistry: Atomic Theory 7-9 Problem Set- Periodic Trends



The following questions refer to the following graph:



7. Describe the trends for the IE_I values graphed in the second period pf the periodic table (i.e., Li-Ne). Include each element in your answer and be sure to discuss any apparent deviations in the trend.

8. How would you compare the IE_1 for elements on the left side of the periodic table to those on the right side? Justify your answer.

9. How would you compare the IE_1 for elements at the bottom of a group to those at the top? Justify your answer.