

Ch. 4 Sec. 2 - Tour of the Periodic Table

- 1) Which group of elements is the most unreactive? Why?
- 2) Why do groups among the main-group elements display similar chemical behavior?
- 3) What properties do the halogens have in common?
- 4) Why is hydrogen set apart by itself?
- 10) Noble gases used to be called 'inert gases'. What discovery changed that term, and why?
- 11) If you find an element in Nature in its pure elemental state, what can you infer about the element's chemical reactivity?