Keypoints Periodic Table Groups and Reactivities

Definitions

You will not be asked to write a definition of any of these but I do expect you to recognized them when they are used in problems, etc..

alkali metals
alkaline metals
group
halogens
noble gasses
non-metals
period
transition metals

Concepts

1. Be able to order each of the following groups, alkali metals, alkaline metals, and halogens, in terms of reactivity in comparison with other members of their group.
2. Be able to explain why Sodium Metal is stored under oil, and why it I not found in its elemental form in nature.
3. Be able to find noble gasses on the periodic table, and comment on their reactivity.
4. Be able to list 3 characteristics of Noble Gasses
5. Be able to list 2 uses of Noble Gasses
6. Be able to recognize which Noble Gas is radioactive
7. Be able to give examples that illustrate the reactivity of halogens and of alkali metals.
8. Be able to describe the physical states of the halogens fluorine, chlorine, bromine and iodine under room conditions.
9. Be able to give common use of chlorine, bromine and iodine (3 elements 1 use).
10. Be able to state which of the halogens is extremely corrosive.
11. Be able to list 3 characteristics found in most, or many, transition metals.
12. Be able to identify non metals when given a periodic table.
13. Be able to recognize the elemental forms of carbon.

No Calculations