

Chemistry, a Family Affair: Periodic Table and Element Families



<https://scrupe.files.wordpress.com/2010/03/periodic-table.jpg>

1. Observe the elements in the column furthest to the right of periodic table.

a) What do we use those elements for?

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b) Why do we use these elements for those purposes, which of their properties make them useful for those purposes?

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2. Find the halogens Fluorine and Chlorine. What do we use these elements for?

<u>Fluorine</u>	<u>Chlorine</u>

3. a) The two columns to the far left of the periodic table share many properties. What are the names of these two groups?

Group I: \_\_\_\_\_

Group II: \_\_\_\_\_

- b) What are the properties that both group I and II possess?

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- c) One of the members of these groups is an **exception** to the rules and patterns of the groups and families. Which element is the exception, is it a metal or a non-metal, what is it used for?

Element	
Metal or Non-Metal	
Use in Technology	