

Periodic Table Facts Worksheet

Name: _____ Period _____

Use the following website for help: <http://www.chem4kids.com/files/elementable.html>

1. Horizontal rows are called _____.
2. Elements in the same _____ (row) are filling up the same energy level as you move from left to right.
3. Vertical columns are called _____.
4. Chemical _____ have similar properties.
5. _____ electrons are the electrons in the outermost shell of the atom.
6. All families have the same number of _____ electrons.
7. The _____ have full outer electron shells which makes them inert or non-reactive.
8. Noble gases are the elements in _____ column (includes helium, neon, _____, and _____)
9. Noble gases are elements that have a _____ valence electron shell.
10. Noble gases are also called _____ gases because they don't react with other elements.
11. The _____ family are the most active metals.
12. Alkali metals are the elements in the _____ column.
13. _____ is NOT an alkali metal because it behaves unlike any other element and does not belong to a family. It is our only orphan!
14. The _____ family are the most active NON-metals.
15. Halogens are elements in the _____ column (includes fluorine, chlorine, _____, and _____).