

Name: _____ Pd. _____ Date: _____

Periodic Table Facts Worksheet

Use the following website for help: http://www.chem4kids.com/files/elem_pertable.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. _____ electrons are the electrons in the outermost shell of the atom.
5. All families have the same number of _____ electrons.
6. The _____ have full outer electron shells which makes them inert or nonreactive.
7. Noble gases are the elements in _____ column (includes helium, neon, _____, and _____)
8. Noble gases are elements that have a _____ valence electron shell.
9. Noble gases are also called _____ gases because they don't react with other elements.
10. The _____ family are the most active metals.
11. Alkali metals are the elements in the _____ column.
12. _____ is NOT an alkali metal because it behaves unlike any other element and does not belong to a family. It is our only orphan!
13. The _____ family are the most active NONmetals.
14. Halogens are elements in the _____ column (includes fluorine, chlorine, _____, and _____).
15. What do you notice about the number of valence electrons as you move from left to right across a row or period in the periodic table? (Na ® Mg® Al® Si® P ®S ®Cl® Ar)