Physical Science 10

Chapter 6 Review Assignment

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war	Name(s) May 8, 2013		
1.	What are the three main classifications of elements on the periodic table?		
2.	List three properties of metals and non-metals.		
3.	What are valence electrons?		
4.	Describe the relationship between valence electrons in metals, metalloids, and non-metals and their	reactivity.	
5.	Using the theory that electrons are found in orbitals around the nucleus, sketch an atom of sodium, oxygen, and chlorine.	magnesium,	
6.	Explain why francium is much more reactive than lithium even though both elements have one vale	nce eletron.	
7.	Describe the properties of the Alkali and Alkaline Earth Metals.		
8.	Describe the Halogens.		
9.	Explain why the noble gases are not reactive in terms of their valence shell and electrons.		
10.	Both hydrogen and helium are gaseous non-metals. Why are they placed on opposite sides of the p	eriodic table?	