



Periodic Trends

Define each of the terms and answer the questions that follow. 1. ATOMIC RADIUS: _____ As you go down the periodic table, the atomic radius ______. This happens because _____ . As you go across the periodic table, the atomic radius . This happens because Rank each set of atoms from largest radius to smallest radius. Smallest Radius Largest Radius Set of Atoms a. Li, C, F b. Li, Na, K c. Ge, P, O 2. IONIZATION ENERGY: _____ As you go down the periodic table, the ionization energy ______. This happens because _____ _____. As you go across the periodic table, the ionization energy _____. This happens because _____ Rank each set of atoms from greatest ionization to lowest ionization. Set of Atoms Greatest Ionization Energy Lowest Ionization Energy a. Mg, Si, S b. Mg, Ca, Ba c. F, Cl, Br

ELECTRONEC	SATIVITY:		
As you go dow	n the periodic table, the electron	negativity	. This happens
because			
		As you go across th	he periodic table, the
electronegativit	ty This	happens because	
	atoms from greatestelectron		
Set of Atoms	Highest electronegativity		Lowest electronegativity
a. Li, C, N			
o. C, O, Ne			
c. K, Mg, P			
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