Atomic Number			Atomic Mass		
•		across a period	•	across a period	
•		down a family	•	down a family	
<u>Aton</u>	nic Radius				
•	the distance between _		of two like		
•	across a period (due to increased attraction of more positive nuclei to electron clouds)				
•		down a family	(due to addition o	f an energy level)	
Electron Affinity					
•	amount of _		when an	gains	
	an				
•		across a period			
•	_	down a family			
<u>Ioniz</u>	zation Energ	ıy			
•	amount of _	required to	o ar	າ	
	from a neuti	ral			
•		across a period			
•		down a family			

Lesson 44: Trends on the Periodic Table (cont.) Chemistry with Lab

Atoms become ions by ______ or ____ electrons to become ______ An atom is stable when it has a ______ outer energy level (______ valence electrons) Atoms that lose (give away) electrons become ______ charged ions. Atoms that gain (steal) electrons become ______ charged ions. The Chemistry Quiz CR1. _____ CR2. _____ 1. ____ 2. ____ 3. _____

4. _____ 5. ____