Nan	ne:
	Periodic Table/Chemical Bonding Revie
	1. How many Protons?
	Lead
	Iodine
	Uranium
	2. How many Neutrons?
	Mercury
	Magnesium
	Bromine
	3. How many Electrons?
<u>~</u>	Gold
	Zinc
	Xenon
	4. How many Shells?
	Radon
	Chromium
	Silver
	5. How many Valence Electons?
	Barium
	Tin
· .)	Bromine

6.	Vertical Columns are calledor	
	Elements in the same vertical column have the same number of	
7.	Horizontal rows are called Elements in the same horizontal row	
	have the same number of	
8.	What are the elements to the right of the zigzag line called?	
9.	What are the elements to the left of the zigzag line called?	
10.	There are morethan on the periodic table.	
11.	The name of Family 1 is	(
12.	The name of Family 2 is	
13.	The name of Family 17 is	
14.	The name of Family 18 is	
) \$(, What 'memory device' can you use to remember the metalloids?	
16.	List the metalloids:	

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Cou	nting Atoms - List the number of atoms of each element on the blank.				
	17. AlBr ₃				
	19 4 Be(OH)2				
	Balanced or Unbalanced?				
	20.Na + O₂ → Na₂O				
	21. Br ₂ + Ca → CaBr ₂				
	$22.C_6H_{12}O_6 + O_2 \rightarrow CO_2 + H_2O$				
	Chemical Equations:				
	$6 CO_2 + 6 H_2O \rightarrow C_6H_{12}O_6 + 6 O_2$				
	23. What are the reactants in this chemical reaction?				
	24. What are the products in this chemical reaction?				
	25. What do you call the small numbers written behind the symbols?				
	26. What do the small numbers tell you?				
	27. What do you call the large numbers in front of the formulas?				
	28. What do these large numbers tell you?				
77 N	29.Is this chemical equation balanced or not?				
11.	The state of the arrow mount				

	<u>Electron</u> Configuration elements:	- Write the electron co	nfiguration for the following	
31.	Phosphorus			
32	Calcium			
33.	Chlorine			
34.	Carbon			
	Sodium			
36.	Sulfur			
	Metals vs. Non-metals			
37.	Elements that LOSE ele	ctrons forming positive	ions are :	
38.	Elements that GAIN ele	ctrons forming negative	ions are:	
39.	Elements that are differ	rent colors, dull, brittle	and good insulators are:	(
40.	Elements that are usuall	y solid, silver, shiny and	good conductors are:	
41.	Elements that are malled	able and ductile are:		
	Chemical Bonding: Choos	e the correct name for	the description of the bonds bel	ow
		Covalent Bond		
42.	2 atoms SHARE 2 electr	ons:		
	Many metal atoms share			
	A metal gives electrons			
45.	Mendeleev's original peri	odic table was arranged	by:	
46. ⁻	The modern periodic tabl	e is arranged by:		