_	-1 Revie					
Io	nic Bonding					
Co	mplete each of the folio	wing sen	tences by filling in t	he appropriate w	ord or phrase from the list below.	
negative noble ga positive electrons crisscross anion				electron configuration polyatomic empirical formula		
1.	An ionic bond is an	attraction	n between opposite	ely charged	ions ———	
2.	Anions have a —ne	gative	charg	je.		
3.	An atom becomes an ion by losing or gainingelectrons					
4.	The _octet _ rule states that atoms tend to gain, lose, or share electrons in order to acquire a full set of valence electrons.					
5. When sodium and chlorine form an ionic bond, both ions acquire the electro					re the electron configuration of	
	a(n) _noble gas					
6.	The atoms that make up polyatomic _ions are bonded together by covalent bonds.					
7.	The _crisscross compound.				ite the formula for an ionic	
8.	The _empirical :	The _empirical formula of a compound denotes the ratio of ions in the compound.				
If tru	the statement is true, ue. Write your answer	write "tr	ue," If it is false, c	hange the under	rlined word or words to make it	
-	_losing	. 9.	Calcium becomes	s a monatomic c	ation by gaining two electrons.	
-	_ true	. 10.	A cation has a po	sitive charge.		
86	_true _ n		A binary ionic compound contains only one kind of cation and one kind of anion.			
-	_polyatomic	_ 12.	Monatomic ions	consist of more	than one atom.	
3	_seven	_ 13.	The Lewis dot di electrons.	iagram for chlori	ine, a group 7A element, has six	
1	_true (released)	_ 14.	A great deal of e formed.	nergy is produc	ed when an ionic compound is	

Date_____ Class _

Name_

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