nic Compounds and Chemical Formulas etal questions: 15 orksheet time: 10mins structor name: Muhammad Zainur fa'i	Class	
What is a cation?		
a) A cation is a positively charged ion.	b) A cation is a negatively charged ion.	
c) A cation is a neutral atom.	d) A cation is an ion with no charge.	
What is an anion?		
a) An anion is a negatively charged ion.	b) An anion is a neutral particle.	
c) A cation is a positively charged ion.	d) An anion is a type of molecule.	
What is the charge of a sodium ion (Na+)?		
a) +2	b) +1	
c) -1	d) 0	
What is the charge of a chloride ion (Cl-)?		
a) -1	b) -2	
c) 0	d) +1	
What is the name of the compound with the formula NaCl?		
a) Sodium bicarbonate	b) Sodium sulfate	
c) Sodium chloride	d) Sodium acetate	

7.	Write the chemical formula for potassium sulfate.			
	Ans			
8.	What is the charge of the sulfate ion (SO4^2-)?			
	a) -1	b) +1		
	c) -2	d) 0		
9.	Fill in the blank: The formula for a compound formed between aluminum (Al) and sulfate (SO4) is			
	 Ans.			
10.	Name the compound with the formula Fe2O3.			
	a) Iron oxide	b) Ferric oxide		
	c) Iron(II) oxide	d) Iron(III) oxide		
11.	Predict the formula for a compound formed between copper (II) and nitrate (NO3).			
	a) Cu(NO3)3	b) Cu2(NO3)2		
	c) Cu(NO3)2	d) Cu(NO2)2		
12.	16. True or False: Transition metals can have multiple oxidation states.			
	a) True	b) False		
13.	Write the chemical formula for ammonium phosphate.			
	Ans			
14.	What is the name of the compound with the formula Ca(OH)2?			
	a) Calcium carbonate	b) Calcium sulfate		
	c) Calcium oxide	d) Calcium hydroxide		

15.	Fill in the blank: The formula for a compound formed between barium (Ba) and fluoride (F) is		
	Ans		