Naming Acids and Bases Worksheet Chemistry 2 points		Name:		
		Date:	Hour:	
1)	What is a binary acid?			
2)	What is a monatomic ion?			
3)	What is a polyatomic ion?			
4) Where are the halogens located on the period		eriodic table?		

5) Name the following acids:

Acid formula	Positive ion	Negative ion	Acid name
ex> HCl	H ⁺	Cl ⁻	hydrochloric acid
HBr			
HNO ₃			
H ₂ SO ₄			
H_3PO_4			
H ₂ Se			

6) Write the formula of the following acids:

Acid name	Positive ion	Negative ion	Acid formula
ex> carbonic acid	$\mathrm{H}^{\scriptscriptstyle +}$	CO ₃ ²⁻	H_2CO_3
hydrofluoric acid			
citric acid			
acetic acid			
hydroiodic acid			

7)	Bases are made o	f	and				
8)	There areperiodic table.	families on the					
9)	The first group on the periodic table is named the						
10)	The second group on the periodic table is named the						
11)	Alkali means						
12)							
	Base formula	Positive ion	Negative ion	Base name			
	ex> NaOH	Na ⁺	OH.	sodium hydroxide			
	Ba(OH) ₂						
	LiOH						
	Mg(OH) ₂						
13)	Write the formul	a of the following bases					
	Base name	Positive ion	Negative ion	Base formula			
ex> sodium hydroxide		Na ⁺	OH.	NaOH			
stro	ontium hydroxide						
lit	thium hydroxide						
potassium hydroxide							
14)	All the charges in	n a compound must					
15)	(a) If a chemical has a pH of 7, it is						
	(b) If a chemical has a pH higher than 7, it is						
	(c) If a chemical has a pH lower than 7, it is						
16)	Name three acids you might have in your home:						