9/19/2018	Namine ionic codo			
	name: D(ahion 2) Anion			
	Mekd Non-mekds			
	Cation name:			
	6) If metal only ever takes I charge, use			
	element same			
	element name. (group IA, IIA, Al 3+, Zn2+, Ag+)			
	1-1,12			
	ex: Nat = sodium			
	ii) If metal has a variable charge, use element			
	name plus charge in parentheses using			
	Roman numeral.			
	(almost all transition metals, except Sc3+, Zn, Ag+			
	as well as 'heavy me tels' = Ga, In, Sn, Tl, Pb)			
	45 WOOK 45 MANON ING 125 CH 1, IN, SN, 1X, FB			
	· ex: Cut = copper(1) cuprous?			
	Cu2+ = copper(11) cupric (now @)			
	$Cu^{2+} = copper(11)$ cupric (now @) $Fe^{2+} = iron(11)$ ferrous			
	Fe ³⁺ = ison(III) ferric			
	Pb4+ = lead (IV)			
	Pb2+ = lead (11)			
	man comp			
	Note: older namine suterio uces labis name + andina.			
	Note: older naming system was Latin name + endings: -ous (lower charge) -ic (higher charge)			
	on) / Yours (naids) -10 (naids)			

	2. Anion names
	0 1
	- use element name -change ending to · -ide
	-change ending to -ide
	ex: Cl chlorise ide chloride (table 3-2)
	ex: Cl chlorise ide chloride table 3-2 S2- sulfire ide sulfide O2- oxygon ide oxide x
	02- oxygen de oxide
	X
	ex: Name + norine fourine
	Caf ₃
	Ca+ F = calcium fluoride
21150002.00	CuS
	24 25
	Cut 52 = copper(11) sulfide
	figure out
	charge!
	Nazo 1+d 32-
	Na 0 = sodium oxide
	Fe ₃ N ₂
	F 2+ 13-
	Fe^{2+} N^{3-} = icon(11) nitride Fe^{2+} N^{3-}
	Fe ^{2r}
	T C

Polya.	lomic ions	
conta	in 2 or more	atoms w/ a charge.
Need	to know the f	ollowing: (table 3-4)
(I+)	(1-)	
NH4+	C2H302	NO ₃
ammonic		nitrati
	H(03-	NO ₂
	bicarbonate	1
	hydrogen co	
	J	CN-
	OH-	cyanide
	hydroxide	J
	J	MnOy
		permanganati
		J

(2-)
Cosbonate Crown PO43-
carbonate chromate phosphate
50 ₄ ² Cr ₂ O ₇ ²
sulfati dichromati
SO ₃ ²⁻ O ₂ ²⁻ Sulfite peroxide
sulfite peroxide
Note: -ate = "normal" # 0's
-ite = fewer O than "normal"
NO2- nitrate SO4- sulfate (O2- carbonate NO2- nitrite SO32- sulfite "CO2- carbonate"
NO2 nitrite SO3 sulfite CO2 carbonite
NI
Naming ionic codo w/ polyatomic ions
ex: NaNO2 Na No = sodium nitrite
Na NO - Sodium nitri k
Fe PO.
Fe PO4 Fe ³⁺ Po ³⁻ = iron(111) phosphate
- non(iii) phosphace

