

Name: _____ Date: _____

CHEMISTRY

Writing Chemical Formulae for Ionic Compounds

Write the correct chemical formulae for the ionic compound using the monoatomic ions.
Chemical formulae are written as

- Metal (cation) first, Nonmetal (anion) second.
- Use subscripts to the right of the chemical symbol for an element if there is more than one present in the molecule.
- All molecules must be neutral: Positives = Negatives
- Use the charts for the monoatomic cations and anions to help you

	Elements	Chemical Formula
1	K & F	
2	K & O	
3	K & P	
4	Li & Cl	
5	Mg & Cl	
6	Al & Cl	
7	Na & Br	
8	Cs & Br	
9	Cs & O	
10	Ca & S	
11	Ca & P	
12	Al & O	

	Elements	Chemical Formula
13	Fe(II) & S	
14	Fe(III) & S	
15	Cu(I) & Cl	
16	Cu(I) & O	
17	Cu(I) & N	
18	Mn(II) & Br	
19	Ti(IV) & O	
20	Ti(IV) & F	
21	Sc(III) & P	
22	Sc(III) & S	
23	Pb(IV) & Cl	
24	Pb(II) & S	