

# Bonding and Chemical Formulas and Naming Practice

Name \_\_\_\_\_ Block \_\_\_\_\_ Date \_\_\_\_\_

A. Write the formulas for the following compounds and indicate whether they are ionic or covalent

	Name	Formula	Bonding (ionic or covalent)
1.	magnesium carbonate		
2.	iron (II) hydroxide		
3.	carbon monoxide		
4.	sodium carbonate		
5.	carbon disulfide		
6.	ammonium oxide		
7.	dihydrogen monoxide		
8.	sodium fluoride		
9.	manganese (II) bromide		
10.	phosphorus trifluoride		
11.	nickel (II) sulfite		
12.	chlorine pentoxide		
13.	silver bromide (I)		
14.	dichlorine monoxide		
15.	ammonia		

B. Write the name for the following compounds and indicate whether they are ionic or covalent

	Formula	Name	Bonding (ionic or covalent)
1.	NaCl		
2.	Mg <sub>3</sub> N <sub>2</sub>		
3.	Fe <sub>3</sub> O <sub>2</sub>		
4.	CuCl		
5.	Na <sub>2</sub> SO <sub>3</sub>		
6.	Mn(OH) <sub>2</sub>		
7.	Fe(NO <sub>3</sub> ) <sub>3</sub>		
8.	PCl <sub>3</sub>		
9.	SO <sub>2</sub>		
10.	P <sub>4</sub> O <sub>10</sub>		
11.	CO		
12.	KI		
13.	HgO		
14.	NaOCl		
15.	O <sub>2</sub> F <sub>2</sub>		