

CHEMISTRY I, IH

Class Work 9-1 Naming & Writing Formulas for Ionic Compounds

NAME _____

PERIOD _____

In the table below, write the formula for each compound indicated. The first one is done as an example.

	Cl^{-1}	Br^{-1}	PO_4^{-3}	$\text{C}_2\text{O}_4^{-2}$
NH_4^{+1}	$(\text{NH}_4)\text{Cl}$			
Ba^{+2}				
Cd^{+2}				
Pb^{+4}				
Mg^{+2}				
Hg_2^{+2}	_____	_____	_____	_____
K^{+1}				
Ag^{+1}				
Sn^{+2}				
Sn^{+4}				
Zn^{+2}				

Write the names for each of the compounds below.

	F^{-1}	S^{-2}	SO_4^{-2}	PO_4^{-3}
NH_4^{+1}	ammonium fluoride		ammonium sulfate	
Ba^{+2}				
Cr^{+2}				
Pb^{+4}				
Mg^{+2}				
Hg^{+2}				
Ag^{+1}				
Sn^{+2}				
V^{+4}				
Zn^{+2}				