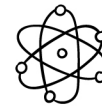




BINARY AND TERNARY IONIC COMPOUNDS WORKSHEET



Write the formulas of the compounds in the second column formed by a particular pair of ions in the first column.

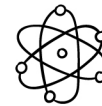
Ion Pair	Formula
K^+, MnO_4^-	
Li^+, O^{2-}	
Mn^{2+}, S^{2-}	
NH_4^+, CO_3^{2-}	
Cu^+, NO_3^-	
Sn^{4+}, O^{2-}	
Ca^{2+}, P^{3-}	
Al^{3+}, PO_4^{3-}	
H^+, PO_4^{3-}	
Sn^{4+}, IO_3^-	
Fe^{3+}, CN^-	
Hg^{2+}, ClO_4^-	
Ag^+, OH^-	
Mg^{2+}, SO_4^{2-}	

Name : _____

Date : _____



BINARY AND TERNARY IONIC COMPOUNDS WORKSHEET



Write the formulas of the compounds in the second column formed by a particular pair of ions in the first column.

Ion Pair	Formula
K^+, MnO_4^-	$KMnO_4$
Li^+, O^{2-}	Li_2O
Mn^{2+}, S^{2-}	MnS
NH_4^+, CO_3^{2-}	$(NH_4)_2CO_3$
Cu^+, NO_3^-	$CuNO_3$
Sn^{4+}, O^{2-}	SnO_2
Ca^{2+}, P^{3-}	Ca_3P_2
Al^{3+}, PO_4^{3-}	$AlPO_4$
H^+, PO_4^{3-}	H_3PO_4
Sn^{4+}, IO_3^-	$Sn(IO_3)_4$
Fe^{3+}, CN^-	$Fe(CN)_3$
Hg^{2+}, ClO_4^-	$Hg(ClO_4)_2$
Ag^+, OH^-	$AgOH$
Mg^{2+}, SO_4^{2-}	$MgSO_4$

Name : _____

Date : _____