

CHM 100: 10/12/09 review problems

NAME OF COMPOUNDS	TYPE OF COMPOUNDS	FORMULA (AND WORK)
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dinitrogen tetrafluoride binary molecular N_2F_4

sulfuric acid oxyacid $H^+ SO_4^{2-}$ \rightarrow H_2SO_4

lead(II) nitrate ionic with transition metal $Pb^{2+} NO_3^-$ \rightarrow $Pb(NO_3)_2$

cesium bromide ionic $Cs^+ Br^-$ \rightarrow $CsBr$

iron(III) phosphate ionic with transition metal $Fe^{3+} PO_4^{3-}$ \rightarrow $FePO_4$

iron(II) phosphate ionic with transition metal $Fe^{2+} PO_4^{3-}$
 $Fe^{2+} PO_4^{3-}$
 Fe^{2+} \rightarrow $Fe_3(PO_4)_2$