Review of ionic compounds

M is for metal, X is for an anion

cation/anion	X^{1-}	X^{2-}	X^{3-}
M^{1+}			
M^{2+}		MX	
M^{3+}			

Form the ionic compound and provide the name

cation/anion	NO_3^{1-}	SO_3^{2-}	PO_4^{3-}	$Cr_2O_7^{2-}$
Na^{1+}				
Mg^{2+}		$MgSO_4$ magnesium sulfite		
Al^{3+}				
Hg_2^{2+}				
NH_4^{1+}				
iron (III)				
Zn^{2+}				

Give the formula for: copper (I) chlorate, ammonium oxalate, calcium phosphite, potassium thiosulfate

Give names for: $Ba(OH)_2$, PbO_2, Li_3N, Ag_3AsO_4, AuCl, NaClO, $SrCO_3$

What are some characteristics of ionic compounds in general?