

Ionic Compounds Worksheet

Complete the following chart with the correct formulas.

	F^-	Cl^-	O^{2-}	S^{2-}	N^{3-}	P^{3-}
Li^+				Li_2S		
Na^+						
K^+		KCl				
Be^{2+}						Be_3P_2
Mg^{2+}						
Ca^{2+}			CaO			
Al^{3+}					AlN	
Ga^{3+}						
B^{3+}						

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Answers

	F^-	Cl^-	O^{2-}	S^{2-}	N^{3-}	P^{3-}
Li^+	LiF	LiCl	Li_2O	Li_2S	Li_3N	Li_3P
Na^+	NaF	NaCl	Na_2O	Na_2S	Na_3N	Na_3P
K^+	KF	KCl	K_2O	K_2S	K_3N	K_3P
Be^{2+}	BeF_2	$BeCl_2$	BeO	BeS	Be_3N_2	Be_3P_2
Mg^{2+}	MgF_2	$MgCl_2$	MgO	MgS	Mg_3N_2	Mg_3P_2
Ca^{2+}	CaF_2	$CaCl_2$	CaO	CaS	Ca_3N_2	Ca_3P_2
Al^{3+}	AlF_3	$AlCl_3$	Al_2O_3	Al_2S_3	AlN	AlP
Ga^{3+}	GaF_3	$GaCl_3$	Ga_2O_3	Ga_2S_3	GaN	GaP
B^{3+}	BF_3	BCl_3	B_4O_6	B_2S_3	B_2S_3	BP