

Ionic compound	Metal	Number of valence electrons	Cation	Nonmetal	Number of valence electrons	Anion	Total number of valence electrons	Total charge = 0
NaF, sodium fluoride	Na	1	Na ⁺	F	7	F ⁻	8	(+1) + (-1) = 0
MgO, magnesium oxide	Mg			O		O ²⁻		(+2) + (-2) = 0
MgCl ₂ , magnesium chloride	Mg	2		Cl	7		16	(+2) + 2(-1) = 0
Ne, neon				Ne	8			0
BeF ₂ , beryllium fluoride	Be			F				
MgS, magnesium sulfide								
CaCl ₂ , calcium chloride								
	Na			Br				
	K			Se				
	Al			N				
Al ₂ O ₃ , aluminum oxide	Al			O				
	Al			F				