

Naming Ionic Compounds HW #2 **answers**

Metal	Non-metal	Cation	Anion	Neutral compound formula	Compound name
Ba	S	Ba^{+2}	S^{-2}	BaS	Barium sulfide
Rb	N	Rb^{+1}	N^{-3}	Rb_3N	Rubidium nitride
Li	O	Li^{+1}	O^{-2}	Li_2O	<i>Lithium oxide</i>
Al	F	Al^{+3}	F^{-1}	AlF_3	<i>Aluminum fluoride</i>
Sr	S	Sr^{+2}	S^{-2}	SrS	<i>Strontium sulfide</i>
Na	Br	Na^{+1}	Br^{-1}	NaBr	<i>Sodium bromide</i>
Ca	Cl	Ca^{+2}	Cl^{-1}	CaCl_2	<i>Calcium chloride</i>
Cs	P	Cs^{+1}	P^{-3}	Cs_3P	<i>Cesium phosphide</i>
Be	O	Be^{+2}	O^{-2}	BeO	<i>Beryllium oxide</i>
Mg	I	Mg^{+2}	I^{-1}	MgI_2	<i>Magnesium iodide</i>
K	O	K^{+1}	O^{-2}	K_2O	<i>Potassium oxide</i>
Na	P	Na^{+1}	P^{-3}	Na_3P	<i>Sodium phosphide</i>