



Ionic Compound Matrix

Pair each metal on the left with each ion across the top. Write the **formula** in the box and the **name** on the line below it.

	F^- fluoride	O^{2-} oxide	N^{3-} nitride	$(\text{NO}_3)^-$ nitrate	$(\text{SO}_4)^{2-}$ sulfate	$(\text{PO}_4)^{3-}$ phosphate
Na^+ sodium	NAME	NAME	NAME	NAME	NAME	NAME
Mg^{2+} magnesium	NAME	NAME	NAME	NAME	NAME	NAME
Al^{3+} aluminum	NAME	NAME	NAME	NAME	NAME	NAME
K^+ potassium	NAME	NAME	NAME	NAME	NAME	NAME
Ca^{2+} calcium	NAME	NAME	NAME	NAME	NAME	NAME
Fe^{3+} iron TRANSITION METAL	NAME	NAME	NAME	NAME	NAME	NAME