

**Goal** • Practise writing the names and formulas of ionic compounds.

### What to Do

Each of these compounds is composed of a positive metal ion and a negative non-metal ion. Complete the chart.

Elements	Ions (optional)	Formula	Name	Number of Atoms in Formula
lithium fluorine	$\text{Li}^+$ $\text{F}^-$	$\text{LiF}$	lithium fluoride	2
lithium oxygen	$\text{Li}^+$ $\text{O}^{2-}$	$\text{Li}_2\text{O}$	lithium oxide	3
sodium nitrogen				
magnesium chlorine				
calcium sulphur				
strontium phosphorus				
aluminum bromine				
silver nitrogen				
zinc iodine				
cesium selenium				
scandium sulphur				
sodium oxygen				
calcium fluorine				
gallium iodine				
aluminum sulphur				
strontium nitrogen				
potassium phosphorus				