

Naming Ionic Compounds:

Metal Positive Ion Cathode Stapthosome	Non-Metal Negative Ion Anode ending "ide"
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Examples:  
Given the names of the compounds formed by :

A) Calcium and Chlorine  
 $\begin{matrix} +2 & -1 \\ \text{Ca} & \text{Cl} \\ \times & \\ \text{Ca} & \text{Cl}_2 \end{matrix}$  Calcium chloride

B) Magnesium and Oxygen  
 $\begin{matrix} +2 & -2 \\ \text{Mg} & \text{O} \\ \times & \\ \text{Mg}_2 & \text{O}_2 = \text{MgO} \end{matrix}$  Magnesium oxide

C) Aluminum and Sulfur  
 $\begin{matrix} +3 & -2 \\ \text{Al} & \text{S} \\ \times & \\ \text{Al}_2 & \text{S}_3 \end{matrix}$  Aluminum Sulfide

Mar 26-1:54 PM