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## Polyatomic Ions Quiz: Solutions

A. Name the following polyatomic ions.

$\text{IO}^{-1}$	Hypoiodite
$\text{SO}_4^{-2}$	Sulfate
$\text{ClO}_3^{-1}$	Chlorate
$\text{PO}_4^{-3}$	Phosphate
$\text{NH}_4^{+1}$	Ammonium

B. Write the symbol and charge for the following polyatomic ions.

Perbromate	$\text{BrO}_4^{-1}$
Peroxide	$\text{O}_2^{-2}$
Hydroxide	$\text{OH}^{-1}$
Carbonate	$\text{CO}_3^{-2}$
Mercury (I)	$\text{Hg}_2^{+2}$