

Polyatomic Ion Practice Worksheet

Complete the table with the appropriate information.

Formula of the Polyatomic Ion	Name of the Polyatomic Ion
SO_4^{2-}	
OH^-	
CO_3^{2-}	
NO^-	
NO_2^-	
MnO_4^-	
ClO_3^-	
$\text{Cr}_2\text{O}_7^{2-}$	
$\text{C}_2\text{H}_3\text{O}_2^-$	
NH_4^+	
BrO_3^-	
SO_5^{2-}	
CNO^-	
IO_3^-	
$\text{S}_2\text{O}_3^{2-}$	
IO^-	
PO_3^{3-}	
HCO_3^-	
BrO_2^-	
ClO_2^-	
HSO_4^-	
CO_4^{2-}	
CO^-	

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Answers

Formula of the Polyatomic Ion	Name of the Polyatomic Ion
SO_4^{2-}	Sulfate
OH^-	Hydroxide
CO_3^{2-}	Carbonate
NO^-	Nitrate
NO_2^-	Nitrite
MnO_4^-	Permanganate
ClO_3^-	Chlorate
$\text{Cr}_2\text{O}_7^{2-}$	Dichromate
$\text{C}_2\text{H}_3\text{O}_2^-$	Acetate
NH_4^+	Ammonium
BrO_3^-	Bromate
SO_5^{2-}	Persulfate
CNO^-	Cyanate
IO_3^-	Iodate
$\text{S}_2\text{O}_3^{2-}$	Thiosulfate
IO^-	Hypoiodite
PO_3^{3-}	Phosphite
HCO_3^-	Bicarbonate
BrO_2^-	Bromite
ClO_2^-	Chlorite
HSO_4^-	Bisulfate
CO_4^{2-}	Percarbonate
CO^-	Hypocarbonite