

Please memorize the following polyatomic ions, Name, Formula, and charge. **You will be quizzed.** Having these memorized will ensure success in the classroom.

Enjoy your summer!

-1 Charge	-2 Charge	-3 Charge	+1 Charge
Dihydrogen phosphate (H ₂ PO ₄ ⁻)	Hydrogen phosphate (HPO ₄ ²⁻)	Phosphite (PO ₃ ³⁻)	Ammonium (NH ₄ ⁺)
Acetate (C ₂ H ₃ O ₂ ⁻)	Oxalate (C ₂ O ₄ ²⁻)	Phosphate (PO ₄ ³⁻)	Hydronium (H ₃ O ⁺)
Hydrogen sulfite (HSO ₃ ⁻)	Sulfite (SO ₃ ²⁻)		
Hydrogen sulfate (HSO ₄ ⁻)	Sulfate (SO ₄ ²⁻)		
Hydrogen carbonate (HCO ₃ ⁻)	Carbonate (CO ₃ ²⁻)		
Nitrite (NO ₂ ⁻)	Chromate (CrO ₄ ²⁻)		
Nitrate (NO ₃ ⁻)	Dichromate (Cr ₂ O ₇ ²⁻)		
Cyanide (CN ⁻)	Silicate (SiO ₃ ²⁻)		
Hydroxide (OH ⁻)			
Permanganate (MnO ₄ ⁻)			
Hypochlorite (ClO ⁻)			
Chlorite (ClO ₂ ⁻)			
Chlorate (ClO ₃ ⁻)			
Perchlorate (ClO ₄ ⁻)			