

Polyatomic Ions

You must know these for the quiz. We will use these for the remainder of the school year, thus it is imperative that you learn them now.

<u>Name</u>	<u>Formula</u>
ammonium	NH_4^+
acetate	$\text{C}_2\text{H}_3\text{O}_2^-$
chlorate	ClO_3^-
chlorite	ClO_2^-
cyanide	CN^-
permanganate	MnO_4^-
hydrogen carbonate (bicarbonate)	HCO_3^-
hydroxide	OH^-
hypochlorite	ClO^-
nitrate	NO_3^-
nitrite	NO_2^-
carbonate	CO_3^{2-}
chromate	CrO_4^{2-}
sulfate	SO_4^{2-}
sulfite	SO_3^{2-}
phosphate	PO_4^{3-}

*Notice that each formula has a charge, which you must know.

**Polyatomic ions in this chart are grouped according to similar charge.