

**Common polyatomic ions to memorize:**

ammonium	$\text{NH}_4^+$
acetate	$\text{C}_2\text{H}_3\text{O}_2^-$
carbonate	$\text{CO}_3^{2-}$
hydrogen carbonate (or bicarbonate)	$\text{HCO}_3^-$
nitrite	$\text{NO}_2^-$
nitrate	$\text{NO}_3^-$
phosphate	$\text{PO}_4^{3-}$
hydrogen phosphate	$\text{HPO}_4^{2-}$
hypochlorite	$\text{ClO}^-$ (chlorine and oxygen)
chlorite	$\text{ClO}_2^-$
chlorate	$\text{ClO}_3^-$
perchlorate	$\text{ClO}_4^-$
permanganate	$\text{MnO}_4^-$
sulfite	$\text{SO}_3^{2-}$
sulfate	$\text{SO}_4^{2-}$
hydrogen sulfate (or bisulfate)	$\text{HSO}_4^-$
hydrogen sulfite (or bisulfite)	$\text{HSO}_3^-$
chromate	$\text{CrO}_4^{2-}$
dichromate	$\text{Cr}_2\text{O}_7^{2-}$
cyanide	$\text{CN}^-$
hydroxide	$\text{OH}^-$
peroxide	$\text{O}_2^{2-}$

**Fixed-charge transition metals:**

zinc	$\text{Zn}^{2+}$
silver	$\text{Ag}^+$