

### ***POLYATOMIC IONS***

| <b><i>Symbol</i></b>                  | <b><i>Name</i></b> |
|---------------------------------------|--------------------|
| $\text{CH}_3\text{COO}^{1-}$          | acetate ion        |
| $\text{NH}_4^{1+}$                    | ammonium ion       |
| $\text{AsO}_4^{3-}$                   | arsenate ion       |
| $\text{C}_6\text{H}_5\text{COO}^{1-}$ | benzoate ion       |
| $\text{HCO}_3^{1-}$                   | bicarbonate ion    |
| $\text{BrO}_3^{1-}$                   | bromate ion        |
| $\text{CO}_3^{2-}$                    | carbonate ion      |
| $\text{ClO}_3^{1-}$                   | chlorate ion       |
| $\text{ClO}_2^{1-}$                   | chlorite ion       |
| $\text{CrO}_4^{2-}$                   | chromate ion       |
| $\text{C}_6\text{H}_5\text{O}_7^{3-}$ | citrate ion        |
| $\text{CN}^{1-}$                      | cyanide ion        |
| $\text{Cr}_2\text{O}_7^{2-}$          | dichromate ion     |
| $\text{OH}^{1-}$                      | hydroxide ion      |
| $\text{ClO}^{1-}$                     | hypochlorite ion   |
| $\text{IO}_3^{1-}$                    | iodate ion         |
| $\text{PO}_3^{1-}$                    | phosphite ion      |
| $\text{NO}_3^{1-}$                    | nitrate ion        |
| $\text{NO}_2^{1-}$                    | nitrite ion        |
| $\text{C}_2\text{O}_4^{2-}$           | oxalate ion        |
| $\text{ClO}_4^{1-}$                   | perchlorate ion    |
| $\text{IO}_4^{1-}$                    | periodate ion      |
| $\text{MnO}_4^{1-}$                   | permanganate ion   |
| $\text{PO}_4^{3-}$                    | phosphate ion      |
| $\text{SiO}_3^{2-}$                   | silicate ion       |
| $\text{SO}_4^{2-}$                    | sulfate ion        |
| $\text{SO}_3^{2-}$                    | sulfite ion        |
| $\text{S}_2\text{O}_3^{2-}$           | thiosulfate ion    |

### ***MONATOMIC IONS***

| <b><i>Symbol</i></b> | <b><i>Name</i></b> |
|----------------------|--------------------|
| $\text{Cd}^{2+}$     | cadmium ion        |
| $\text{Cr}^{2+}$     | chromium (II) ion  |
| $\text{Cr}^{3+}$     | chromium (III) ion |
| $\text{Co}^{2+}$     | cobalt (II) ion    |
| $\text{Co}^{3+}$     | cobalt (III) ion   |
| $\text{Cu}^{1+}$     | copper (I) ion     |
| $\text{Cu}^{2+}$     | copper (II) ion    |
| $\text{Au}^{1+}$     | gold (I) ion       |
| $\text{Au}^{3+}$     | gold (III) ion     |
| $\text{Fe}^{2+}$     | iron (II) ion      |
| $\text{Fe}^{3+}$     | iron (III) ion     |
| $\text{Pb}^{2+}$     | lead (II) ion      |
| $\text{Pb}^{4+}$     | lead (IV) ion      |
| $\text{Pt}^{2+}$     | platinum (II) ion  |
| $\text{Pt}^{4+}$     | platinum (IV) ion  |
| $\text{Sn}^{2+}$     | tin (II) ion       |
| $\text{Sn}^{4+}$     | tin (IV) ion       |
| $\text{Ti}^{3+}$     | titanium (III) ion |
| $\text{Ti}^{4+}$     | titanium (IV) ion  |
| $\text{W}^{4+}$      | tungsten (IV) ion  |
| $\text{W}^{5+}$      | tungsten (V) ion   |
| $\text{U}^{3+}$      | uranium (III) ion  |
| $\text{U}^{4+}$      | uranium (IV) ion   |
| $\text{U}^{5+}$      | uranium (V) ion    |
| $\text{U}^{6+}$      | uranium (VI) ion   |
| $\text{V}^{3+}$      | vanadium (III) ion |
| $\text{V}^{4+}$      | vanadium (IV) ion  |
| $\text{V}^{5+}$      | vanadium (V) ion   |