

### Polyatomic Ions!

|                      |                                    |  |              |                             |
|----------------------|------------------------------------|--|--------------|-----------------------------|
| acetate              | $\text{C}_2\text{H}_3\text{O}_2^-$ |  | hypobromite  | $\text{BrO}^-$              |
| ammonium             | $\text{NH}_4^+$                    |  | hypochlorite | $\text{ClO}^-$              |
| arsenate             | $\text{AsO}_3^{3-}$                |  | hypoiodite   | $\text{IO}^-$               |
| arsenite             | $\text{AsO}_2^{3-}$                |  | iodate       | $\text{IO}_3^-$             |
| azide                | $\text{N}_3^-$                     |  | iodite       | $\text{IO}_2^-$             |
| bromate              | $\text{BrO}_3^-$                   |  | nitrate      | $\text{NO}_3^-$             |
| bromite              | $\text{BrO}_2^-$                   |  | nitrite      | $\text{NO}_2^-$             |
| carbonate            | $\text{CO}_3^{2-}$                 |  | oxalate      | $\text{C}_2\text{O}_4^{2-}$ |
| chlorate             | $\text{ClO}_3^-$                   |  | perbromate   | $\text{BrO}_4^-$            |
| chlorite             | $\text{ClO}_2^-$                   |  | perchlorate  | $\text{ClO}_4^-$            |
| chromate             | $\text{CrO}_4^{2-}$                |  | periodate    | $\text{IO}_4^-$             |
| cyanate              | $\text{OCN}^-$                     |  | permanganate | $\text{MnO}_4^-$            |
| cyanide              | $\text{CN}^-$                      |  | peroxide     | $\text{O}_2^{2-}$           |
| dichromate           | $\text{Cr}_2\text{O}_7^{2-}$       |  | phosphate    | $\text{PO}_4^{3-}$          |
| dihydrogen phosphate | $\text{H}_2\text{PO}_4^-$          |  | phosphite    | $\text{PO}_3^{3-}$          |
| dihydrogen phosphite | $\text{H}_2\text{PO}_3^-$          |  | selenate     | $\text{SeO}_4^{2-}$         |
| hydrogen carbonate   | $\text{HCO}_3^-$                   |  | selenite     | $\text{SeO}_3^{2-}$         |
| hydrogen phosphate   | $\text{HPO}_4^{2-}$                |  | silicate     | $\text{SiO}_3^{2-}$         |
| hydrogen phosphite   | $\text{HPO}_3^{2-}$                |  | sulfate      | $\text{SO}_4^{2-}$          |
| hydrogen sulfate     | $\text{HSO}_4^-$                   |  | sulfite      | $\text{SO}_3^{2-}$          |
| hydrogen sulfite     | $\text{HSO}_3^-$                   |  | thiocyanate  | $\text{SCN}^-$              |
| hydronium            | $\text{H}_3\text{O}^+$             |  | thiosulfate  | $\text{S}_2\text{O}_3^{2-}$ |
| hydroxide            | $\text{OH}^-$                      |  | thiosulfite  | $\text{S}_2\text{O}_2^{2-}$ |