

## Ions to Know (memorize)

### ANIONS

#### -1

perchlorate	$\text{ClO}_4^{-1}$
chlorate	$\text{ClO}_3^{-1}$
chlorite	$\text{ClO}_2^{-1}$
hypochlorite	$\text{ClO}^{-1}$

*note: also Br and I*

nitrate	$\text{NO}_3^{-1}$
nitrite	$\text{NO}_2^{-1}$

permanganate	$\text{MnO}_4^{-1}$
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acetate	$\text{C}_2\text{H}_3\text{O}_2^{-1}$
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hydroxide	$\text{OH}^{-1}$
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cyanide	$\text{CN}^{-1}$
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#### -2

sulfate	$\text{SO}_4^{-2}$
sulfite	$\text{SO}_3^{-2}$

carbonate	$\text{CO}_3^{-2}$
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chromate	$\text{CrO}_4^{-2}$
chromite	$\text{CrO}_3^{-2}$
dichromate	$\text{Cr}_2\text{O}_7^{-2}$

#### -3

phosphate	$\text{PO}_4^{-3}$
phosphate	$\text{PO}_3^{-3}$

### acid anions

hydrogen carbonate ( <i>bicarbonate</i> )	$\text{HCO}_3^{-1}$
hydrogen sulfate ( <i>bisulfate</i> )	$\text{HSO}_4^{-1}$

### CATIONS

ammonium	$\text{NH}_4^{+1}$
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