

### POSITIVE IONS

aluminum	Al	+3
ammonium	NH <sub>4</sub>	+1
barium	Ba	+2
calcium	Ca	+2
chromium(III)	Cr	+3
cobalt(II)	Co	+2
copper(I)	Cu	+1
hydronium	H <sub>3</sub> O	+1
iron(II)	Fe	+2
iron(III)	Fe	+3
lead(II)	Pb	+2
magnesium	Mg	+2
mercury(I)	Hg <sub>2</sub>	+2
mercury(II)	Hg	+2
nickel(II)	Ni	+2
potassium	K	+1
silver	Ag	+1
sodium	Na	+1
tin(II)	Sn	+2
tin(IV)	Sn	+4
zinc	Zn	+2

### NEGATIVE IONS

acetate	C <sub>2</sub> H <sub>3</sub> O <sub>2</sub>	-1
bromide	Br	-1
carbonate	CO <sub>3</sub>	-2
chlorate	ClO <sub>3</sub>	-1
chlorite	ClO <sub>2</sub>	-1
chloride	Cl	-1
chromate	CrO <sub>4</sub>	-2
cyanide	CN	-1
dichromate	Cr <sub>2</sub> O <sub>7</sub>	-2
fluoride	F	-1
hydride	H	-1
hydrogen carbonate	HCO <sub>3</sub>	-1
hydrogen sulfate	HSO <sub>4</sub>	-1
hydroxide	OH	-1
hypochlorite	ClO	-1
iodide	I	-1
nitrate	NO <sub>3</sub>	-1
nitrite	NO <sub>2</sub>	-1
oxalate	C <sub>2</sub> O <sub>4</sub>	-2
oxide	O	-2
perchlorate	ClO <sub>4</sub>	-1
permanganate	MnO <sub>4</sub>	-1
peroxide	O <sub>2</sub>	-2
phosphate	PO <sub>4</sub>	-3
sulfate	SO <sub>4</sub>	-2
sulfide	S	-2
sulfite	SO <sub>3</sub>	-2

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- REMEMBER:
1. SPELLING MUST BE EXACTLY CORRECT
  2. DISTINGUISH BETWEEN LOWER AND UPPER CASE
  3. YOU ARE RESPONSIBLE FOR KNOWING THESE IONS FOR THE REST OF THE YEAR!