

Naming Acids

- ▶ To name acids of oxy-ions, replace
 - ▶ the “-ate ion” with “-ic acid”
 - ▶ the “-ite ion” with “-ous acid”

P	PO_4^{3-}	Phosph ate ion	H_3PO_4	Phosphor ic acid
	PO_3^{3-}	Phosph ite ion	H_3PO_3	Phosphor ous acid
S	SO_4^{2-}	Sulf ate ion	H_2SO_4	Sulfur ic acid
	SO_3^{2-}	Sulf ite ion	H_2SO_3	Sulfur ous acid
C	CO_3^{2-}	Carbon ate ion	H_2CO_3	Carbon ic acid
	CO_2^{2-}	Carbon ite ion	H_2CO_2	Carbon ous acid
N	NO_3^{1-}	Nitr ate ion	HNO_3	Nitr ic acid
	NO_2^{1-}	Nitr ite ion	HNO_2	Nitr ous acid
Cl, Br, I	ClO_4^{1-}	Perchlor ate ion	HClO_4	Perchlor ic acid
	ClO_3^{1-}	Chlor ate ion	HClO_3	Chlor ic acid
	ClO_2^{1-}	Chlor ite ion	HClO_2	Chlor ous acid
	ClO^{1-}	Hypochlor ite ion	HClO	Hypochlor ous acid

