

acid	-1	acid	-1	-2	-3
HF	F ⁻	H ₂ CO ₃	HCO ₃ ⁻	CO ₃ ⁻²	
HCl	Cl ⁻	H ₂ SO ₄	HSO ₄ ⁻	SO ₄ ⁻²	
HBr	Br ⁻	H ₂ SO ₃	HSO ₃ ⁻	SO ₃ ⁻²	
HI	I ⁻	H ₂ SeO ₄	HSeO ₄ ⁻	SeO ₄ ⁻²	
HNO ₃	NO ₃ ⁻	H ₂ SeO ₃	HSeO ₃ ⁻	SeO ₃ ⁻²	
HNO ₂	NO ₂ ⁻	H ₂ S	HS ⁻	S ⁻²	
HClO ₄	ClO ₄ ⁻	H ₃ PO ₄	H ₂ PO ₄ ⁻	HPO ₄ ⁻²	PO ₄ ⁻³
HClO ₃	ClO ₃ ⁻	H ₃ PO ₃	H ₂ PO ₃ ⁻	HPO ₃ ⁻²	PO ₃ ⁻³
HClO ₂	ClO ₂ ⁻	H ₃ AsO ₄	H ₂ AsO ₄ ⁻	HAsO ₄ ⁻²	AsO ₄ ⁻³
HClO	ClO ⁻				
HBrO ₄	BrO ₄ ⁻				
HBrO ₃	BrO ₃ ⁻				
HBrO ₂	BrO ₂ ⁻				
HBrO	BrO ⁻				
HIO ₄	IO ₄ ⁻				
HIO ₃	IO ₃ ⁻				
HIO ₂	IO ₂ ⁻				
HIO	IO ⁻				

name	formula	charge
ammonium ion	NH ₄ ⁺	+1
hydroxide ion	HO ⁻	-1
cyanide ion	CN ⁻	-1
acetate ion	C ₂ H ₃ O ₂ ⁻	-1
permanganate ion	MnO ₄ ⁻	-1
chromate ion	CrO ₄ ⁻²	-2
dichromate ion	Cr ₂ O ₇ ⁻²	-2

Ammonium ion is the only polyatomic ion that has a positive charge. All the other polyatomic ions are **anions**.