

AP Chemistry Polyatomic Ions

1+	
ammonium	NH_4^+
hydronium	H_3O^+

1-	
acetate	$\text{C}_2\text{H}_3\text{O}_2^-$
nitrite	NO_2^-
nitrate	NO_3^-
cyanide	CN^-
thiocyanate	SCN^-
hydroxide	OH^-
permanganate	MnO_4^-
hypochlorite	ClO^-
chlorite	ClO_2^-
chlorate	ClO_3^-
perchlorate	ClO_4^-
bicarbonate	HCO_3^-
bisulfate	HSO_4^-
iodite	IO_2^-
iodate	IO_3^-
periodate	IO_4^-

2-	
sulfite	SO_3^{2-}
sulfate	SO_4^{2-}
thiosulfate	$\text{S}_2\text{O}_3^{2-}$
carbonate	CO_3^{2-}
chromate	CrO_4^{2-}
dichromate	$\text{Cr}_2\text{O}_7^{2-}$

3-	
phosphite	PO_3^{3-}
phosphate	PO_4^{3-}

Quiz on 8/31/26-The name of the ion will be given, and you will write the formula of the ion with the correct charge.