

Name _____ Period _____

CP Chemistry of the Earth

Assignment 4K – Conjugated Form Polyatomic Ionic Compound Review

20 Points

For the following positive and negative polyatomic ions, complete the chart

Polyatomic Ion	Charge	Polyatomic Ion Name (Include Ion)	Polyatomic Ion	Charge	Polyatomic Ion Name (Include Ion)
NH_4^{1+}			CO_3^{2-}		
OH^{1-}			$\text{S}_2\text{O}_3^{2-}$		
NO_3^{1-}			$\text{Cr}_2\text{O}_7^{2-}$		
SCN^{1-}			$\text{C}_2\text{O}_4^{2-}$		
BrO_3^{1-}			PO_4^{3-}		

Elements	NH_4^{1+}	O
Ion Charge		
Cross Method		
Ionic Formula		

Na	OH^{1-}

Mn^{3+}	NO_3^{1-}

Elements	Al	SCN^{1-}
Ion Charge		
Cross Method		
Ionic Formula		

Cr^{2+}	CO_3^{2-}

Ti^{4+}	$\text{S}_2\text{O}_3^{2-}$

Elements	Ca	BrO ₃ ¹⁻		Pd ³⁺	Cr ₂ O ₇ ²⁻		V ³⁺	PO ₄ ³⁻
Ion Charge								
Cross Method								
Ionic Formula								