

Balancing with Polyatomic Ions

Name: _____

Rules: Only subscripts OUTSIDE the parenthesis can be simplified!!!!!!

NEVER change the formula of the Polyatomic ion!

Otherwise, criss-cross and simplify like we've done with binary compounds.

Polyatomic ANIONS (Negative ions)

	OH^{-1}	NO_3^{-1}	SO_4^{-2}	PO_4^{-3}	$\text{C}_2\text{H}_3\text{O}_2^{-1}$
Li^{+1}					
Mg^{+2}					
Al^{+3}					
NH_4^{+1}					
Ca^{+2}					
Si^{+4}					
Be^{+2}					
B^{+3}					
K^{+1}					

CATIONS (Positive ions)