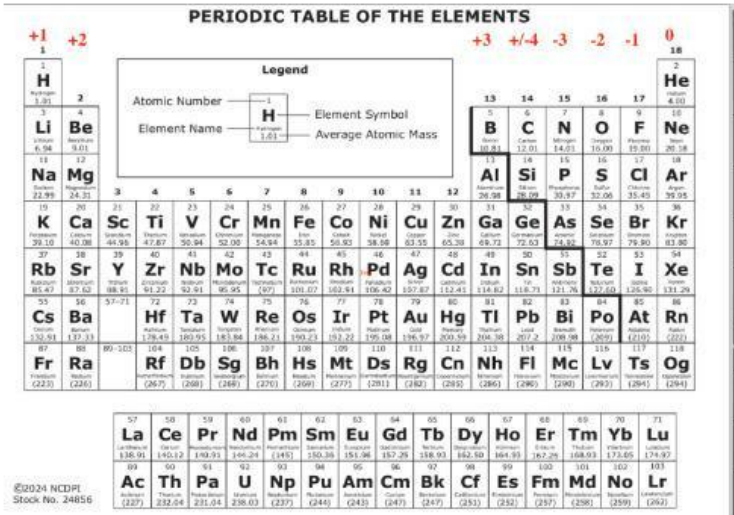

Polyatomic Ions	
NH_4^+	ammonium
$C_2H_3O_2^-$	acetate
ClO_3^-	chlorate
CO_3^{-2}	carbonate
MnO_4^-	permanganate
NO_3^-	nitrate
OH^-	hydroxide
SO_4^{-2}	sulfate
PO_4^{-3}	phosphate

Chemical Name	**Metal Cation**	**Nonmetal Anion**	**Chemical Formula** (include picture of ions summing to zero)
Sodium Sulfide			_____
Magnesium Oxide			_____
Calcium Phosphide			_____
Aluminum Chloride			_____

Ions that can be selected for drag and drop to build chemical formula

Na^{+1}	Na^{+1}	Mg^{+2}	Ca^{+2}	Ca^{+2}	Ca^{+2}	SO_4^{-2}	PO_4^{-3}	PO_4^{-3}	ClO_3^{-1}	ClO_3^{-1}	ClO_3^{-1}
OH^{-1}	OH^{-1}	Al^{+3}	O^{-2}			S^{-2}	P^{-3}	P^{-3}	Cl^{-1}	Cl^{-1}	Cl^{-1}

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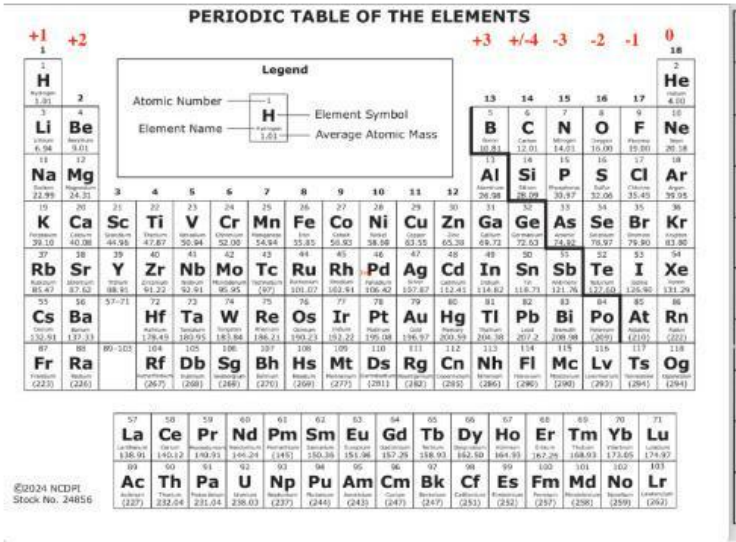

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NO_3^-	nitrate
OH^-	hydroxide
SO_4^{-2}	sulfate
PO_4^{-3}	phosphate

Chemical Name	**Metal Cation**	**Polyatomic Anion**	**Chemical Formula** (include picture of ions summing to zero)
Sodium Sulfate			_____
Magnesium Hydroxide			_____
Calcium Phosphate			_____
Aluminum Chlorate			_____

Ions that can be selected for drag and drop to build chemical formula

Na^{+1}	Na^{+1}	Mg^{+2}	Ca^{+2}	Ca^{+2}	Ca^{+2}	SO_4^{-2}	PO_4^{-3}	PO_4^{-3}	ClO_3^{-1}	ClO_3^{-1}	ClO_3^{-1}
OH^{-1}	OH^{-1}	Al^{+3}	O^{-2}	S^{-2}	P^{-3}	P^{-3}	Cl^{-1}	Cl^{-1}	Cl^{-1}		

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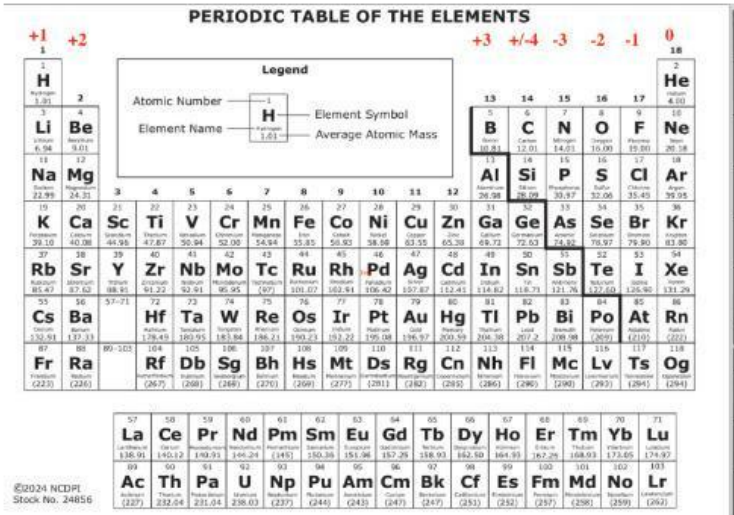

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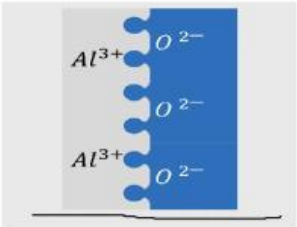
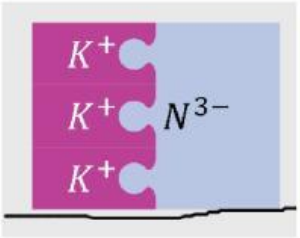
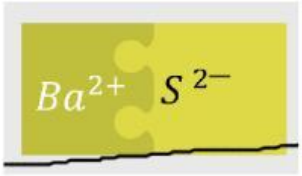
SO_4^{-2}	sulfate
PO_4^{-3}	phosphate

Chemical Name	Metal Cation	Nonmetal Anion	Chemical Formula (include picture of ions summing to zero)
			 **Al_2O_3**
			 **K_3N**
			 **BaS**

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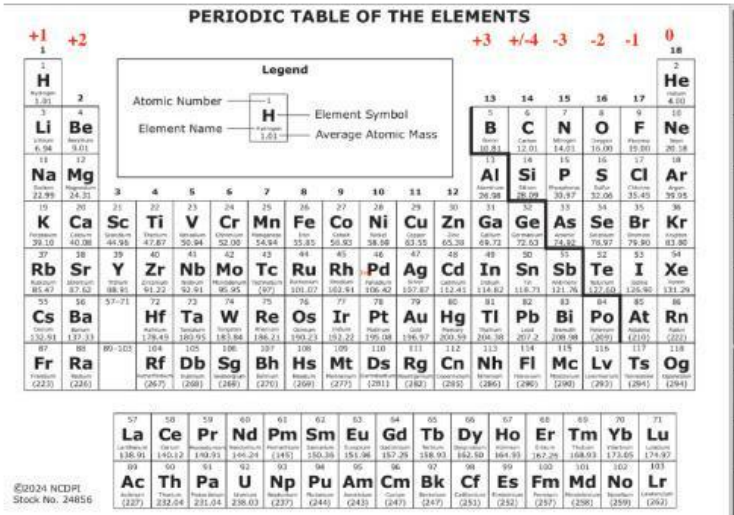

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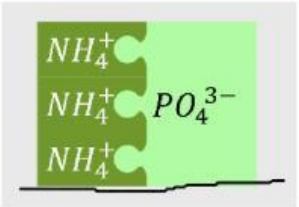
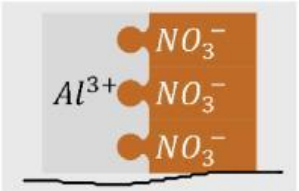
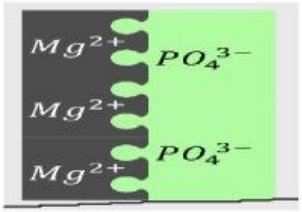
NO_3^-	nitrate
OH^-	hydroxide
SO_4^{-2}	sulfate
PO_4^{-3}	phosphate

Chemical Name	Cation	Polyatomic Anion	Chemical Formula (include picture of ions summing to zero)
			 $(NH_4)_3PO_4$
			 $Al(NO_3)_3$
			 $Mg_3(PO_4)_2$

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