## Criss Cross and Reactions

Criss	cross	the	following	to	get the	new	compound
01100	0.000		TOHOWING	·	gottine	, 11044	Compound

0.10	is cross and renorming to get and	now compound					
	Na and S	Mg and S	Na and Cl	Al and O			
	Mg and O	Li and N	Be and P	Mg and F			
	ivig and O	LI AIIU IN	De anu F	ivig and i			
	Mg and Carbonate	Li and Sulfate	Na and Nitrate	Al and Nitrite			
Reverse Criss Cross							
Which ions were involved to make these compounds?							
Al <sub>2</sub> (	CO <sub>3</sub> ) <sub>3</sub>	MgS	$Al_2O_3$	$Mg(NO_3)_2$			

 $\label{eq:feco3} \text{Fe}(\text{NO}_2)_3 \qquad \qquad \text{Be}(\text{C}_2\text{H}_3\text{O}_2)_2 \qquad \qquad \text{Li}_2\text{SO}_4$ 

Predict what you should get when you mix the two.	Write out the full reaction and balance.
Mg and Oxygen gas	
Na and O <sub>2</sub>	
Aluminum and Oxygen gas	
, adminiant and Oxygon gao	
Lithium and Chlorine gas	
Magnesium and Cl <sub>2</sub>	
Magnesium and O <sub>2</sub>	
Magnacium and Promine see	
Magnesium and Bromine gas	

## **ANSWER KEY**