

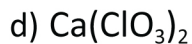
Name : _____ Score : _____ Date : _____

Counting Atoms and Balancing Equations Worksheet

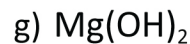
1. For each compound, count the number of each type of atom in the formula.



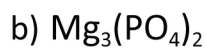
Atom	#
Li	
S	
O	



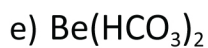
Atom	#
Ca	
Cl	
O	



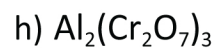
Atom	#
Mg	
O	
H	



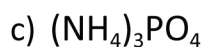
Atom	#
Mg	
P	
O	



Atom	#
Be	
H	
C	
O	



Atom	#
Al	
Cr	
O	



Atom	#
N	
H	
P	
O	

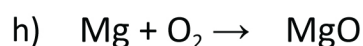
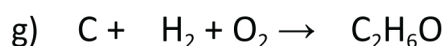
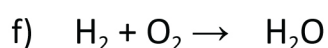
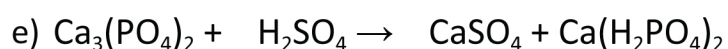
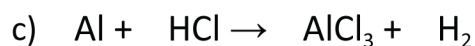
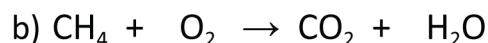
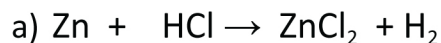


Atom	#
Al	
O	
H	



Atom	#
N	
H	
O	

2. Balance the following equations.



Name : _____ Score : _____ Date : _____

Counting Atoms and Balancing Equations Worksheet

1. For each compound, count the number of each type of atom in the formula.

a) Li_2SO_4

Atom	#
Li	2
S	1
O	4

d) $\text{Ca}(\text{ClO}_3)_2$

Atom	#
Ca	1
Cl	2
O	6

g) $\text{Mg}(\text{OH})_2$

Atom	#
Mg	1
O	2
H	2

b) $\text{Mg}_3(\text{PO}_4)_2$

Atom	#
Mg	3
P	2
O	8

e) $\text{Be}(\text{HCO}_3)_2$

Atom	#
Be	1
H	2
C	2
O	6

h) $\text{Al}_2(\text{Cr}_2\text{O}_7)_3$

Atom	#
Al	2
Cr	6
O	21

c) $(\text{NH}_4)_3\text{PO}_4$

Atom	#
N	3
H	12
P	1
O	4

f) $\text{Al}(\text{OH})_3$

Atom	#
Al	1
O	3
H	3

i) NH_4OH

Atom	#
N	1
H	5
O	1

2. Balance the following equations.

