

Name \_\_\_\_\_ Period \_\_\_\_\_

College Prep Chemistry of the Earth

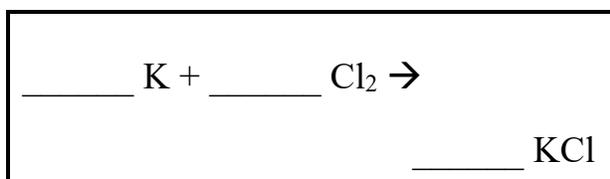
Assignment 4O – Balancing Equations (Part I)

20 Points

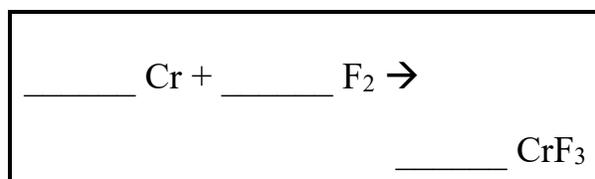
Balance the following chemical reactions, showing complete balancing chart.

Atom Ratio	1:1	2:2	1:2	1:3	2:4	2:3	4:3	2:6	3:6
Coefficients	1-1	1-1	2-1	3-1	2-1	3-2	3-4	3-1	2-1

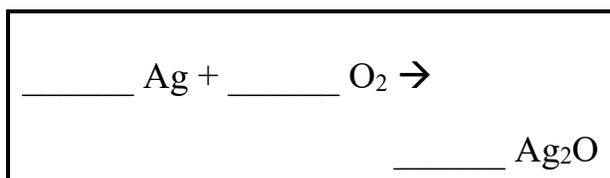
Atom Ratio	3:3	4:4	2:1	3:1	4:2	3:2	3:4	6:2	6:3
Coefficients	1-1	1-1	1-2	1-3	1-2	2-3	4-3	1-3	3-1



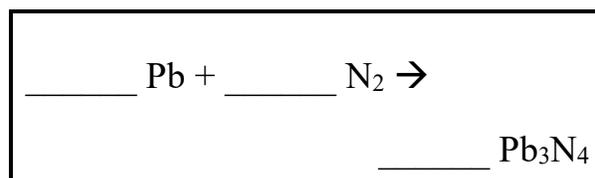
Reactants		Products	
K		K	
Cl		Cl	



Reactants		Products	
Cr		Cr	
F		F	



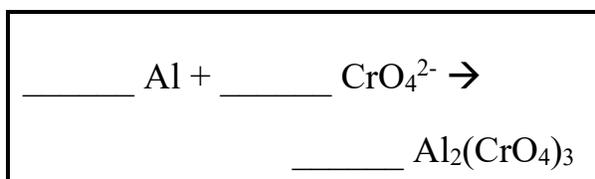
Reactants		Products	
Ag		Ag	
O		O	



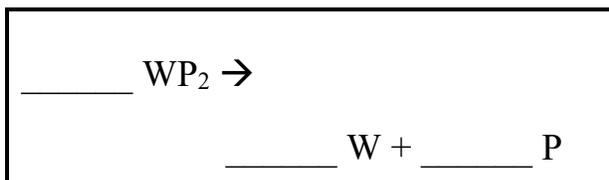
Reactants		Products	
Pb		Pb	
N		N	



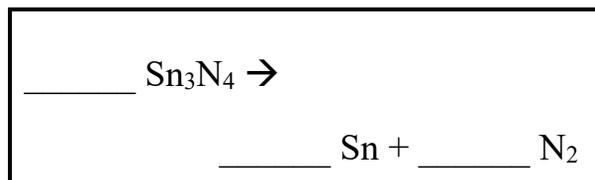
Reactants		Products	
Nb		Nb	
ClO <sub>3</sub>		ClO <sub>3</sub>	



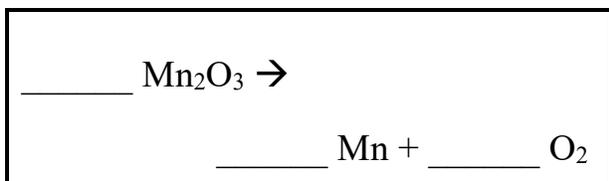
Reactants		Products	
Al		Al	
CrO <sub>4</sub>		CrO <sub>4</sub>	



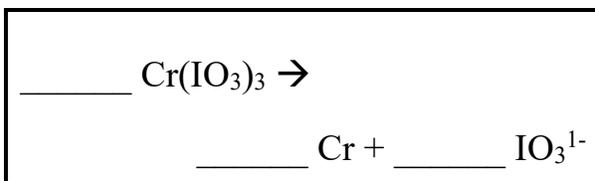
Reactants		Products	
W		W	
P		P	



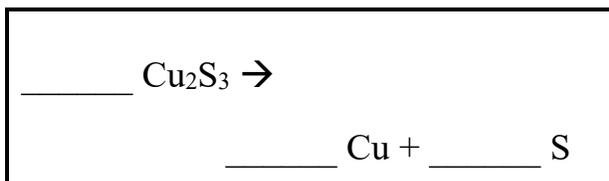
Reactants		Products	
Sn		Sn	
N		N	



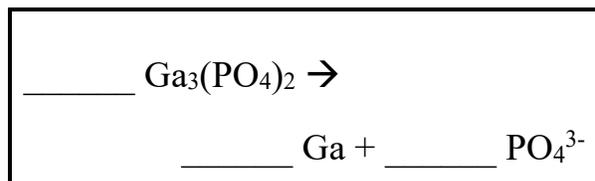
Reactants		Products	
Mn		Mn	
O		O	



Reactants		Products	
Cr		Cr	
IO <sub>3</sub>		IO <sub>3</sub>	



Reactants		Products	
Cu		Cu	
S		S	



Reactants		Products	
Ga		Ga	
PO <sub>4</sub>		PO <sub>4</sub>	