

Name _____ Period _____

College Prep Chemistry of the Earth

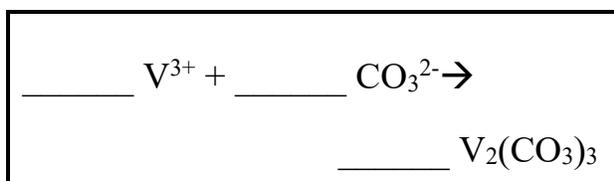
Assignment 4P – Balancing Equations (Part 2)

20 Points

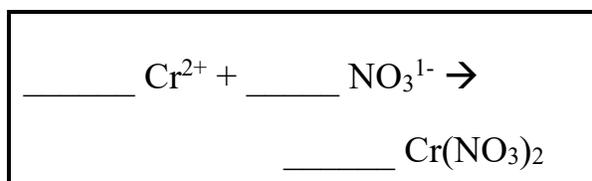
Balance the following chemical reactions, showing complete balancing chart.

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

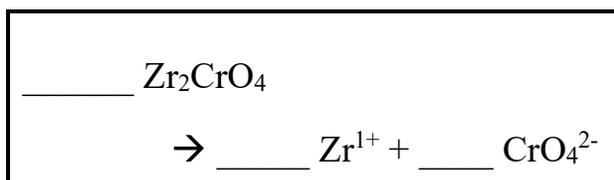
Atom Ratio	3:3	4:4	2:1	3:1	4:1	6:1	4:2	3:2	3:4	6:2	6:3
Coefficients	1-1	1-1	1-2	1-3	1-4	1-6	1-2	2-3	4-3	1-3	1-2



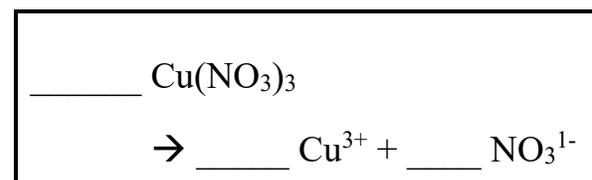
Reactants		Products	
V		V	
CO ₃		CO ₃	



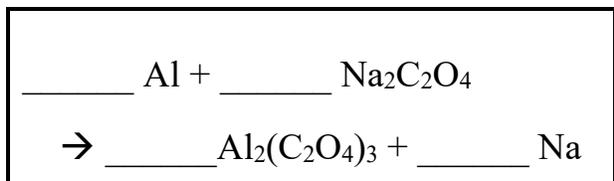
Reactants		Products	
Cr		Cr	
NO ₃		NO ₃	



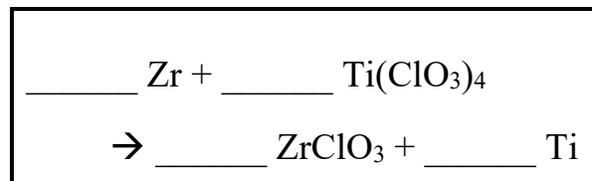
Reactants		Products	
Zr		Zr	
CrO ₄		CrO ₄	



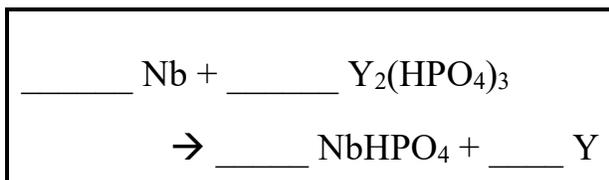
Reactants		Products	
Cu		Cu	
NO ₃		NO ₃	



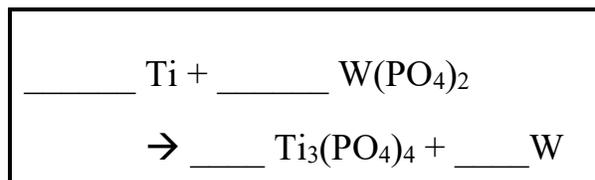
Reactants		Products	
Al		Al	
Na		Na	
C ₂ O ₄		C ₂ O ₄	



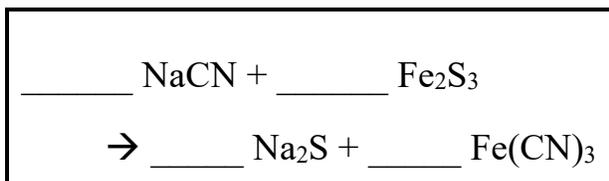
Reactants		Products	
Zr		Zr	
Ti		Ti	
ClO ₃		ClO ₃	



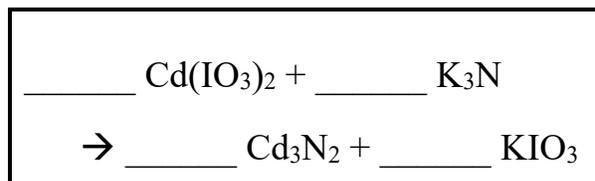
Reactants		Products	
Nb		Nb	
Y		Y	
HPO ₄		HPO ₄	



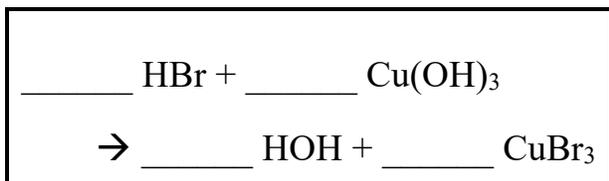
Reactants		Products	
Ti		Ti	
W		W	
PO ₄		PO ₄	



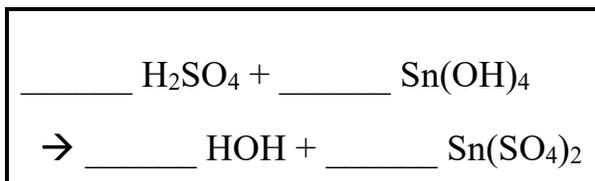
Reactants		Products	
Na		Na	
CN		CN	
Fe		Fe	
S		S	



Reactants		Products	
Cd		Cd	
IO ₃		IO ₃	
K		K	
N		N	



Reactants		Products	
H		H	
Br		Br	
Cu		Cu	
OH		OH	



Reactants		Products	
H		H	
SO ₄		SO ₄	
Sn		Sn	
OH		OH	