

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

## College Prep Chemistry of the Earth

## Assignment 5Q – Types of Reactions – Overall Reaction Review

20 Points

For the following reactions, determine the reaction type, write the general form for the reaction, then identify the different variables from the reaction

$6K + N_2 \rightarrow 2K_3N$		$SiSe_2 \rightarrow Si + 2Se$	
Reaction Type		Reaction Type	
General Form		General Form	

A		B		A		B	
AB		Ratio		AB		Ratio	

$3Ti + 2Cd_3P_2 \rightarrow Ti_3P_4 + 6Cd$		$2V + 3Ni(NO_3)_2 \rightarrow 2V(NO_3)_3 + 3Ni$	
Reaction Type		Reaction Type	
General Form		General Form	

A		B		A		B	
C		Ratio		C		Ratio	
AC		CB		AC		CB	

$3Mn(BrO_3)_2 + 2FeCl_3 \rightarrow 3MnCl_2 + 2Fe(BrO_3)_3$		$3H_2SO_4 + 2Co(OH)_3 \rightarrow 6HOH + Co_2(SO_4)_3$	
Reaction Type		Reaction Type	
General Form		General Form	

A		B		A		B	
C		D		C		D	
AB		CD		AB		CD	
AD		CB		AD		CB	
Ratio				Ratio			

