

Name: ANSWERS

Date: _____

SNC 2DI Chemical Reactions Review

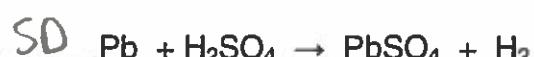
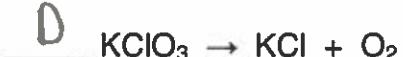
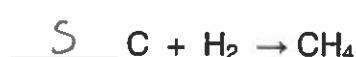
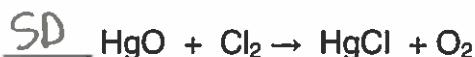
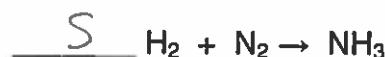
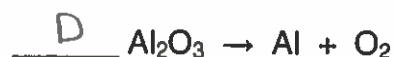
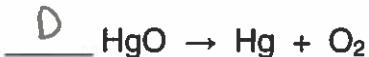
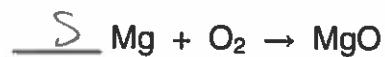
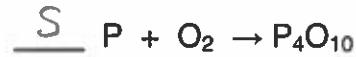
Using your notes complete the Summary chart below:

Type of Reaction	Definition in words	General Equation
Synthesis	2 or more elements or compounds form one compound	$A + B \rightarrow AB$ 
Decomposition	1 compound breaks into 2 or more elements or compounds	$AB \rightarrow A + B$ 
Single Displacement	A metal bumps out a metal in a compound OR a non-metal bumps out a non-metal	$AB + C \rightarrow CB + A$ 
Double Displacement	Cations replace one another to make 2 new compounds	$AB + CD \rightarrow CB + AD$ 

Colours: A = Red, B = Blue, C = Green, D = Yellow

Use coloured pencils to circle the common atoms or compounds in each equation to help you determine the type or reaction it illustrates. Use the code below to classify each reaction.

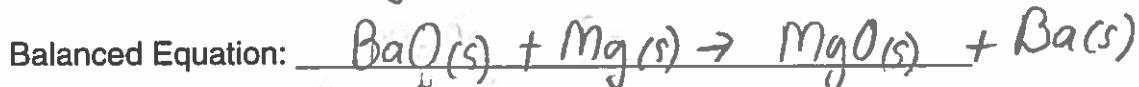
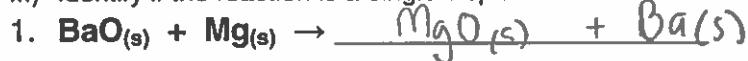
S = Synthesis D = Decomposition SD = Single Displacement DD = Double Displacement



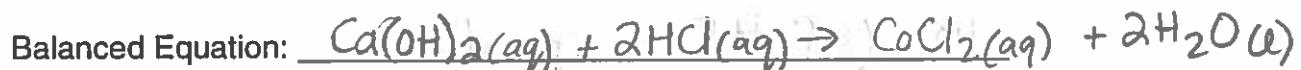
SNC 2DI Single and Double Displacement Reactions Practice

Complete each equation by

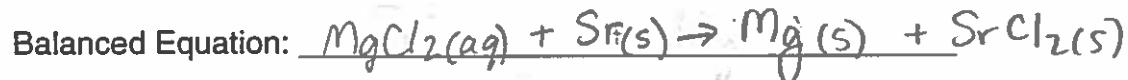
- I) Writing the correct products
- II) Balance the equation if necessary
- III) Identify if the reaction is a single displacement OR double displacement



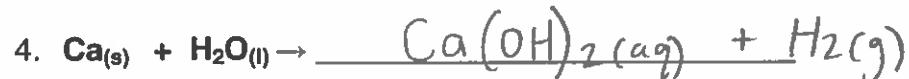
Type of Reaction: SD



Type of Reaction: DD



Type of Reaction: SD



Type of Reaction: SD



Type of Reaction: DD



Type of Reaction: DD



Type of Reaction: DD