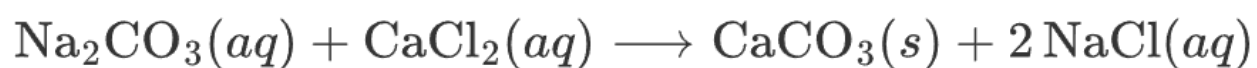


Limiting Reagents Data Sheet		
Student Name:		
Partner Name:		
Date	Instructor's Initials	Grade

Write the balanced chemical equation for the precipitation reaction.



	Trial 1	Trial 2
Concentration of Na_2CO_3 =	0.297 M	0.614 M
Exact Volume of Na_2CO_3 =	25.8 mL	25.9 mL
Moles of Na_2CO_3 =		
Concentration of CaCl_2 =	0.509 M	0.407 M
Exact Volume of CaCl_2 =	25.1 mL	25.4 mL
Moles of CaCl_2 =		
Limiting Reagent =		
Theoretical Yield (mol) =		
Theoretical Yield (g) =		
Mass of Watch Glass =	29.830 g	21.344 g
Mass of Watch Glass + Product =	30.594 g	22.368 g
Mass of Product =		
% Yield =		

Limiting Reagents Data Sheet

Show your work for calculating the initial moles of sodium carbonate for trial one.

Show your work for calculating the initial moles of calcium chloride for trial one.

Show your work for calculating the the theoretical maximum moles of product for trial one.

Show your work for calculating the theoretical maximum mass of product for trial one.

Show your work for calculating the %yield for trial one.