

Name: _____ Per_

Solubility Lab

Honors

Introduction: In this lab you will observe precipitate formation when solutions are combined together.

Procedure:

1. Obtain a clean, dry well plate and dropper bottles of the following solutions
 - a. Calcium acetate
 - b. Sodium carbonate
 - c. Aluminum chloride
 - d. Silver nitrate
2. Combine the solutions in the well plate in the order indicated in the table. Use 5 drops of each solution.
3. Observe if each well has a precipitate. Record.
4. Discard contents of the well plate in the sink and get a clean -up stamp.

Results:

Rxns	Balanced Equations <i>Write the Formula equation, complete ionic, and net ionic equation.</i> <i>Make sure to include</i>	Observations: <i>Write what you observe and use the crayons to draw what you see.</i>
a+b		
a+c		
a+d		

Name: _____

Per_ _____

b+c		
b+d		
c+d		

Questions:

1. What is the purpose of this lab.

2. What is a precipitate?

Conclusion: Write your conclusion about your results from this lab including the following sentence frame.

I can conclude _____ *Claim- what did you learn from the experiment?* because _____ *Data- the results of your experiment* _____.