

Name: _____

Date: _____

Laboratory Challenge 3: Identifying Unknown Solutions

Problem

Design and carry out an experiment to determine the specific identity of the compound in each of eight numbered vials. Each vial contains one of these ionic compounds.



In addition to the lab equipment at the station, you will have distilled water. You also have the option of choosing **ONE** additional reagent from this list.



Experimental Plan

Materials

Numbered solutions.

Was bottle

Reaction plates

Stirring sticks

Pipettes

Scoopulas

Paper towels

Goggles

Before beginning your experiment, you must get approval from the instructor.	Examiner's Signature
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Procedure

Data and Observations

Calculations:

Explain any sources of error and how they affected your results. How could you correct for these in future experiments?