

Name: _____

Undercover Solutions - Quick Lab

Task: Use chemical reactivity to determine the secret identity of five “undercover” solutions. The solutions are labeled with the numbers 1 through 5 but your task is to reveal the actual identity of each solution by reacting them together.

Solutions:

+Potassium Nitrate +Sodium Hydroxide +Hydrochloric Acid +Calcium Chloride +Sodium Bicarbonate

Initial Planning:

- Make predictions of how each solution will react with the other four.
- Develop a procedure for how to react all five solutions with each other and record the data.

Data:

Claims and Evidence: Make a claim for the identity of each solution. Provide evidence by explaining your observations and how they helped to uncover the true identity.

Solution	Claim of Identity	Evidence
1		
2		
3		
4		
5		