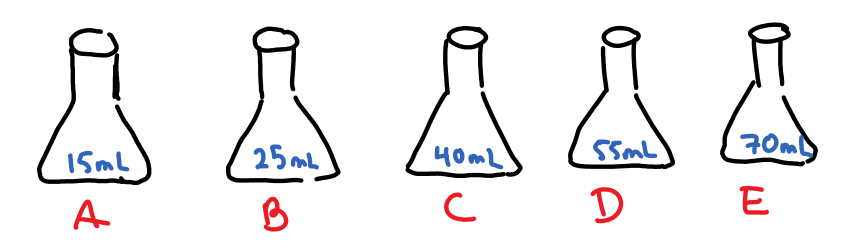
**Limiting/Excess Demo**

-Watch your teacher’s demonstration.  
-You will hand in a conclusion for this demo.

**The set-up:** 3.0 grams of baking soda, NaHCO3, is added to different amounts of vinegar.



**The question:**

  What was the limiting reactant in each container?

- Answer in Claim/Evidence/Reasoning format.

Reasoning: Use observations about the balloons AND the solutions.   
 Why do your observations mean what you think they do?

**Theory follow-up:**

How much acid does the 3.0g of baking soda need to fully react?   
 Note: [CH3COOH] = 0.833M

Does this calculated value agree with your observations? Explain.