

Lesson 12: Does Mass Change During a Chemical Reaction?

Activity 12.1 Post Lab Assessment

Your Progress:

- Mastery
- Proficient
- Developing
- Beginning

1. What were you trying to prove in the Alka-Seltzer lab that you designed?

2. Which data table shows the Alka-Seltzer lab as a **closed system** and **why?**

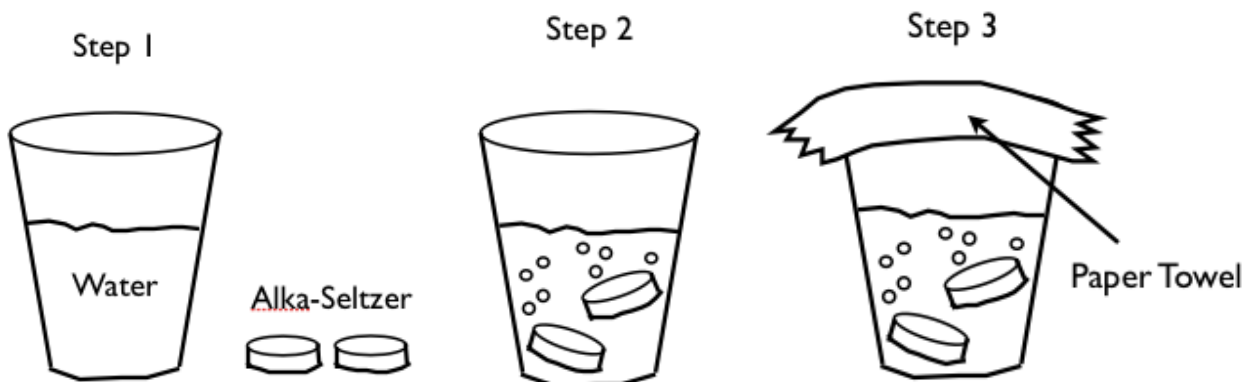
Table A

	Before Reaction	After Reaction
Total Mass (grams)	100 grams	99 grams

Table B

	Before Reaction	After Reaction
Total Mass (grams)	100 grams	100 grams

Look at the pictures below. What are 2 reasons this experiment will not answer the main question of the lab that you just designed?



Reason 1:

Reason 2:

State a **scientific principle** that supports the lab experiment you just conducted and **why** it supports the experiment.
