

Name: \_\_\_\_\_

Lab # \_\_\_\_\_

Ms. Rinaldo-Environmental Science

Period \_\_\_\_\_

## Alka-Seltzer Activity

- Weigh Alka-Seltzer and water solution tablet in grams \_\_\_\_\_
- Weigh 100 ml of water in grams \_\_\_\_\_
- Pour water into sandwich size Zip-Lock bag.
  - Predict the mass if we add Alka-Seltzer to the water bag and immediately seal the bag.
  - Predict the mass if we add Alka-Seltzer to the water bag and don't seal the bag.

Weight of water \_\_\_\_\_?

Weight of Alka-Seltzer \_\_\_\_\_?

Weight together in sealed bag \_\_\_\_\_?

Weight together in unsealed bag \_\_\_\_\_?

What happened when the two mixed? \_\_\_\_\_

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Why was the weight of the water and tablet combined in the sealed bag the same as them separate? \_\_\_\_\_

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Why did unsealing the bag decrease the weight of the two together? \_\_\_\_\_

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