

Quicker Picker Upper: Paper Towel Investigation

1) Do you trust the claim made by the commercial about Bounty's superior performance? Was it reliable or non-reliable? Explain.

Set up Procedures:

- 1) Gather materials—1 graduated cylinder, 1 scale, 1 beaker
- 2) Material manager: accurately fill graduated cylinder with 10 mL of water.
Maintenance Director: grab ONE paper towel that is currently selected by teacher (either Paper Towel A, Paper Towel B, Paper Towel C).
- 3) Place paper towel in beaker.
- 4) Place beaker on scale.
- 5) Turn on scale (should say 0.0 grams) ****BE SURE** it has a "g" or says grams on scale!
- 6) **You are now ready for teacher instructions** (will complete the following as a class together)
****be sure scale is STILL on with beaker on top and displays 0.0g****
 - a. Pour 10mL of water on center of paper towel **when directed to do so.**
 - b. Teacher times 2 seconds.
 - c. Quickly, carefully collect wet paper towel and place in beaker.
 - d. Record data in table below.
 - e. Clean up any extra water/completely dry out beaker.
 - f. Set-up for next round.

Paper Towel Brand	Mass of Wet Paper Towel (in grams)
A	
B	
C	

Data Analysis and Reflection

- 2) Identify the independent variable in this experiment.
- 3) Identify the dependent variable in this experiment.
- 4) Identify the control variable(s) in this experiment.
- 5) Was the commercial or our class experiment more reliable? Explain your reasoning.