

Name:

Date:

**Example 1:  
The cafeteria lady spills water on the lunch counter. She has to get that cleaned up quick so that students can put in their lunch numbers, and get started eating. What is the quickest and most effective way to clean up the mess?**

Scenario 1: Your teacher came into class this morning in a rush. She spilled her water that came from her plastic bottle. What is the most effective way to help your teacher clean up the spilled water so that class can get started for the day?

Scenario 2: Your classmate had a rough morning. It rained when he left the house this morning. When getting on the bus he dropped his journal in a mud puddle. As he picked it up, it appeared undamaged and dirty. When he got to class, and placed it on his desk, the front and back of the journal came completely off in one piece. What are the most effective ways to help your classmate clean up his journal and bind it back so that he can get started on his morning work?

Scenario 3: When getting home this afternoon, you see that the dog has knocked over your mom's favorite vase. Thankfully, it has only been broken into a few pieces. She will be upset because you made this vase for her when you were in the First grade. What is the most effective way to clean up the mess, and restore or re-use the vase?

**Example: Scenario Bag 1**

Scenario Bag 1

Scenario Bag 2

Scenario Bag 3

Name:

Date:

<p><b>Hypothesis 1: If my group uses the paper towels, there will be less water left on the table.</b></p> <p><b>Hypothesis 2: If my group uses the Kleenex tissue, there will be less water left on the table.</b></p>	<p>Hypothesis 1:</p> <p>Hypothesis 2:</p>	<p>Hypothesis 1:</p> <p>Hypothesis 2:</p>	<p>Hypothesis 1:</p> <p>Hypothesis 2:</p>
<p><b>Result 1: confirm</b></p> <p><b>Result 2: denied</b></p>	<p>Result 1:</p> <p>Result 2:</p>	<p>Result 1:</p> <p>Result 2:</p>	<p>Result 1:</p> <p>Result 2:</p>
<p><b>Property that made the material most effective (circle all that apply):</b> <b><u>strength</u></b> <b>flexibility</b> <b>hardness</b> <b><u>texture</u></b> <b><u>absorbency</u></b></p>	<p>Property that made it most effective (circle all that apply): strength flexibility hardness texture absorbency</p>	<p>Property that made it most effective (circle all that apply): strength flexibility hardness texture absorbency</p>	<p>Property that made it most effective (circle all that apply): strength flexibility hardness texture absorbency</p>

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**It was more effective because....  
The paper towel was more effective due to its more absorbent properties because there was less water on the table after using the paper towel.  
This paper towel was stronger and the texture may have caused the strength and the absorbency.**

It was more effective because....

It was more effective because....

It was more effective because....