

Name _____

Absorbency Lab Answer Key

1. Write a clear question about which paper towel absorbs the most water.
2. Gather three different paper towel brands, three cups, and water.
3. Measure one half cup of water and slowly pour it onto the first paper towel.
4. Repeat the test with the other two paper towel brands using the same amount of water.
5. Record how much water each paper towel absorbs before dripping.
6. Compare the results and write a conclusion about which towel worked best.

Teacher's Guide

- This worksheet supports understanding of **experimental design**, sequencing, and scientific reasoning.
- For differentiation, cut apart the steps and let students physically arrange them before writing the order.
- For engagement, allow students to conduct a quick version of the experiment using classroom materials.
- For extension, have students identify the **independent variable**, **dependent variable**, and **control**.
- For advanced learners, ask students to write a short hypothesis before sequencing the steps.
- For struggling readers, read each step aloud and discuss key action words such as measure, repeat, and record.