

# Rodeo Fred Conclusion for Cause & Effect Lab



# Restate Objective

*The objective of this investigation was to determine the effect of \_\_\_\_\_ on  
(the independent variable)*

\_\_\_\_\_.  
*(the dependent variable)*

The independent and dependent variables are on the data table.

# Variables are measured..

**IV**

**DV**

| Time paper towel submerged (s) | Absorption Distance(cm) Trials |   |   | Mean Absorption Distance (cm) | Mean speed |
|--------------------------------|--------------------------------|---|---|-------------------------------|------------|
|                                | 1                              | 2 | 3 | y                             |            |
| 10                             |                                |   |   | 13.5                          |            |
| 20                             |                                |   |   | 17.3                          |            |
| 30                             |                                |   |   | 20.2                          |            |
| 40                             |                                |   |   | 22.0                          |            |
| 50                             |                                |   |   | 23.6                          |            |
| 60                             |                                |   |   | 24.0                          |            |

# Describe lab

**Briefly state what you did (the methods or procedure).**

***Use just a few sentences***

***Do not list materials***

***Do not say: step1 ....., step 2***

Example: *A sheet of paper was cut into a square that was 6 inches on each side. The paper was held six inches above the cup for 30 seconds. The sides of the paper were measured.*

# Explanation Of Findings

- **Restate the results**
- **The results are the change in the dependent variable.**
- **Explain the results.**
- **Why did the dependent variable do what it did (or did not do what it should of)?**
- **Example: The cup gained mass because the water did not come from the inside of the cup.**
- **Look at your hypothesis for clues.**

# Report Errors

## Defend errors

1. **Speculate what may have gone wrong during the experiment.**
2. *Explain how the experiment could be improved?*