

Name:

Date:

Period:

Scientific Laboratory Investigation Report

Problem:

Hypothesis:

Manipulated (Independent) Variable:

Responding (Dependent) Variable:

Controlled (Constant) Variables:

Experimental Design

Materials:

Methods:

Quantitative Data Table

Manipulated (Independent) Variable	Trial 1	Trial 2	Trial 3	Average (Mean)

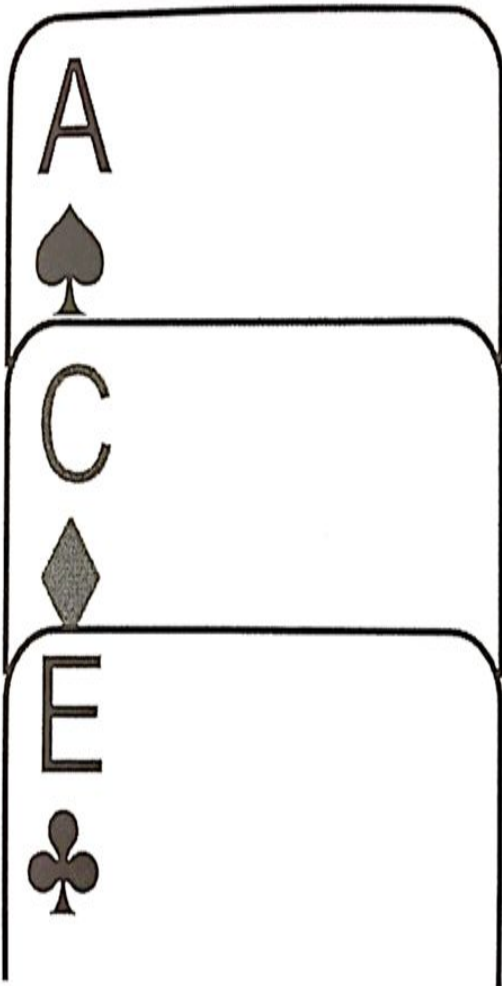
Qualitative Data Table

Manipulated (Independent) Variable	Observations Before Experiment	Observations After Experiment

Graph of Quantitative Data

Directions: Get a piece of graph paper, use the quantitative data collected, and make a line graph to display your findings.

Analysis



The relationship between _____ and _____ do/does not exist.

According to the data,

The trend/pattern does/does not exist because

Graph Grading Rubric

Requirements	Possible Points	Points Earned
Graph Title	3	
X-axis Title	1	
X-axis Scale	2	
Y-axis title	2	
Y-axis Scale	2	
All Data Plotted	1	
All Data Labeled	1	
Neatness & Organization	1	
		/13

Analysis Grading Rubric

Requirement	Points Possible	Points Earned
A- Was the problem answered?	2	
C- Was data used to support your answer?	4	
E- Was a trend/pattern identified and explained.	3	
		/9

Total Points Earned on this Laboratory Report was _____/22