- Page header (page number and date)
- Project title
- Goal or Purpose
- Preliminary Information (calculations, equipment description, proposed procedure)
- Procedure & tabulation of the data
- Data Reduction (Analysis)

Envestigation of the relation between the Circumference and the diameter of a circle

Goal: Determine the relation between the circumference, C, and the diameter, D, of a circle.

Specifically test the hypothesis that

1ab

Equipment: Five pobjects of different. Sizes, vernier calipers, plastic ruler, and a long strip of paper.

a long strip of paper. Proposed Procedure: Measure the smaller objects with the vernier calipers and larger objects with the ruler. Measure the circumference by wrapping the paper around the object, marking the circumference on the paper, and measure the distance to the mark by flattening cutterpurch. the paper and measuring with eithor the calipers or the ruler.

Record of neusurements

~						and second second second second being the
		Object	DEm	C ccm)	Measuring De	evice
й		Penny		5.93	Vornier caliper,	paper
5		"D" cell battery		0.45	11	11
2 1	<	PVC pipe A		3.30	51	21
F		PVC pipe B		8.45	Plastic ruler	paper
F		Soupcan	6.6 3	21.2	11	11
6		P				

Analysis & Correction: This should be C/D Average D/C = 3.14 ± 0.03 The uncertainy was computed by taking the standard deviation of the mean (standard error) of the five ratios.

- Page header (page number and date - every page)
- Data Reduction (Analysis continued)
- Interpretation and results (Summary)

