

Grading Rubric – Circumference Analysis

Point Value		Item	Criteria	
earned	value		(pts earned	criterion)
	7	Title Page/Format		Name (1 Pt)
				Date (1 Pt)
				Teacher Name (1 Pt)
				Lab Number + Title (1 Pts)
				Correct Format Typed/Font Etc. (3 Pts)
	4	Purpose		Brief Paragraph Format (1 Pt)
				Clearly Stated Objectives (3 Pts) <i>Measure Resultant, Different Methods Etc</i>
	14	Theory		Well written paragraph 1 based on description (5 Pts)
				Well written paragraph 2 based on description (5 Pts)
				Proper Grammar/ Attention Given To Detail(4 Pts)
	4	Hypothesis		A scientific hypothesis in paragraph form. (4)
	10	Data		Title (2 Pts)
				Units (2 Pts)
				Column/Row Labels (2 Pts)
				All data represented in tables (4 Pts)
	7	Data - Graphs		Proper Number (2 Pt)
				Correctly Labeled (1 Pt)
				Scaled Appropriately (1 Pt)
				Data Extracted From Graph Discussed In Results (3 Pt)
	10	Calculations		One Of Each Type Of Calculation Shown (6 Pts)
				Proper Format Used (4 Pts)
	10	Error Analysis		Statement Of Results with calculated Error (5 Pts) <i>Percent Errors, Standard Deviation, Standard Deviation from the mean, ect..</i> <i>Precession and Accuracy Statement</i>
				Discussion Of Error/Sources (2 Pts)
				If You Did This Lab Again, What Range Of Data Would You Expect To Collect? What Would You Accept? (3 Pts)
	10	Results		What Is The Data Showing? (3 Pts)
				Explain Data not Predicted by Theory (2 Pts) <i>Is The Error Really Because Of Bad Measurements? Do not restate error analysis</i>
				Connection Results with The Purpose and Theory (3 Pts) <i>Relation Back To Statement – Was This Successful?</i>
				Pose questions for future research (2 Pts)
	4	Bibliography		Attached And Properly Formatted (MLA/APA Style) (2 Pts)
				Parenthetical Documentation (MLA/APA Style) (2 Pts)
	80	TOTAL=_____	Additional Reductions:	

Students Name: _____

Comments: