Physics Laboratory Write-up Checklist

Experiment _____Period ___ Group ___

Partners _____

Format (2 points)	1. Group names, title, written on one side only 2. Each section clearly labeled, neat & organized	_____ _____
Purpose (1 point)	1. Independent and dependent variables are clearly identified	_____
Apparatus & Procedure (3 points)	1. Diagram drawn with all components labeled 2. Clear and brief sequence of steps 3. Control of variables	_____ _____ _____
Raw Data (4 points)	1. Measurements organized into a neat table 2. Values are clearly labeled 3. Multiple trials 4. Quality/range	_____ _____ _____ _____
Evaluation of Data (7 points)	1. Table of generate values and sample calculations 2. Graphs a. variables on appropriate axes (use of units) b. quality of results 3. Interpretation of graphs a. statement of graphical relationships b. mathematical representation (derivation of equation, units on slope and b-value)	_____ _____ _____ _____ _____ _____
Conclusion (8 points)	1. Written explanation (English sentences) of relationships (must address purpose) 2. Meaning of slope, significance of y-intercept 3. General equation, new terms or concepts 4. Reasonable explanation for divergent results (when applicable)	_____ _____ _____ _____

Maximum Score = 25 points Your Score ____