

Physics Laboratory Write-up Checklist

Experiment _____ Period ____ Group ____

Partners a _____, b _____, c _____

Format (2 points)	<ol style="list-style-type: none"> 1. This sheet with ,Group names, title 2. Each section clearly labeled, neat & organized 	_____ _____																											
Purpose (1 point)	<ol style="list-style-type: none"> 1. Independent and dependent variables are clearly identified 	_____																											
Apparatus & Procedure (2 points)	<ol style="list-style-type: none"> 1. Diagram drawn 2. with all components labeled 	_____ _____																											
Raw Data (4 points)	<ol style="list-style-type: none"> 1. Measurements organized into a neat table 2. Values are clearly labeled 3. Multiple trials 4. Quality/range 	_____ _____ _____ _____																											
Evaluation of Data (5 points)	<ol style="list-style-type: none"> 1. Table of generate values and sample calculations 2. Graphs <ol style="list-style-type: none"> a. variables on appropriate axes (use of units) b. quality of results c. correct scales 3. Interpretation of graphs <ol style="list-style-type: none"> a. calculation of slope, units 	_____ _____ _____ _____ _____																											
Conclusion (6 points)	<ol style="list-style-type: none"> 1. Written explanation (English sentences) of relationships (must address purpose) 2. Meaning of slope 3. significance of y -intercept 4. Final equation(s) 5. New terms or concepts 6. Reasonable explanation for divergent results (when applicable) TOTAL	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%; text-align: center;">a</th> <th style="width: 33%; text-align: center;">b</th> <th style="width: 33%; text-align: center;">c</th> </tr> </thead> <tbody> <tr><td style="border-top: 1px solid black;">_____</td><td style="border-top: 1px solid black;">_____</td><td style="border-top: 1px solid black;">_____</td></tr> <tr><td style="border-top: 1px solid black;">_____</td><td style="border-top: 1px solid black;">_____</td><td style="border-top: 1px solid black;">_____</td></tr> <tr><td style="border-top: 1px solid black;">_____</td><td style="border-top: 1px solid black;">_____</td><td style="border-top: 1px solid black;">_____</td></tr> <tr><td style="border-top: 1px solid black;">_____</td><td style="border-top: 1px solid black;">_____</td><td style="border-top: 1px solid black;">_____</td></tr> <tr><td style="border-top: 1px solid black;">_____</td><td style="border-top: 1px solid black;">_____</td><td style="border-top: 1px solid black;">_____</td></tr> <tr><td style="border-top: 1px solid black;">_____</td><td style="border-top: 1px solid black;">_____</td><td style="border-top: 1px solid black;">_____</td></tr> <tr><td style="border-top: 1px solid black;">_____</td><td style="border-top: 1px solid black;">_____</td><td style="border-top: 1px solid black;">_____</td></tr> <tr><td style="border-top: 1px solid black;">_____</td><td style="border-top: 1px solid black;">_____</td><td style="border-top: 1px solid black;">_____</td></tr> </tbody> </table>	a	b	c	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
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If more than 3 persons in a group grade is reduced proportionally.

Maximum Score = 20 points