lab 1 rubric			
Requirement		Possible points	Earned points
$R\ vs\ v$			
Correct title at top of graph		7	
Correct label on both axes		12	
Both axes have graduations that are scaled		4	
All 10 points have been graphed		2	
A best fit line has been added in a reasonable spot at		3	
Appropriate points have been picked and labeled on		4	
Slope has been calculated with correct process and			
	Starting with correct formula	2	
	Inputting 'q_n' values appropriately	3	
	Calculating units correctly	5	
	Performing arithmetic correctly	1	
y-intercept has been calculated with correct process			
	Starting with correct formula	2	
	Inputting 'q_n' values appropriately	3	
	Calculating units correctly	5	
	Performing arithmetic correctly	1	
Overall neatness and presentation (final answers are		4	
	Subtotal	58	
$m\ vs\ t^2$			
Correct modification was performed on the data set		1	
Correct title at top of graph		7	
Correct label on both axes		12	
Both axes have graduations that are scaled		4	
All 10 points have been graphed		2	
A best fit line has been added in a reasonable spot at		3	
Appropriate points have been picked and labeled on		4	
Slope has been calculated with correct process and			
	Starting with correct formula	2	
	Inputting 'q_n' values appropriately	3	
	Calculating units correctly	5	
	Performing arithmetic correctly	1	
y-intercept has been calculated with correct process			
	Starting with correct formula	2	
	Inputting 'q_n' values appropriately	3	
	Calculating units correctly	5	
	Performing arithmetic correctly	1	
q-value is calculated correctly with correct process			
	Starting with correct formula	2	
	Inputting 'q_n' values appropriately	3	
	Calculating units correctly	5	
	Performing arithmetic correctly	1	
Overall neatness and presentation (final answers are		5	

	Subtotal	71	
$\sqrt{m}\ vs\ t$			
Correct modification was performed on the data set		1	
Correct title at top of graph		7	
Correct label on both axes		12	
Both axes have graduations that are scaled		4	
All 10 points have been graphed		2	
A best fit line has been added in a reasonable spot at		3	
Appropriate points have been picked and labeled on		4	
Slope has been calculated with correct process and			
	Starting with correct formula	2	
	Inputting 'q_n' values appropriately	3	
	Calculating units correctly	5	
	Performing arithmetic correctly	1	
y-intercept has been calculated with correct process			
	Starting with correct formula	2	
	Inputting 'q_n' values appropriately	3	
	Calculating units correctly	5	
	Performing arithmetic correctly	1	
q-value is calculated correctly with correct process			
	Starting with correct formula	2	
	Inputting 'q_n' values appropriately	3	
	Calculating units correctly	5	
	Performing arithmetic correctly	1	
Overall neatness and presentation (final answers are		5	
	Subtotal	71	
Total		200	