

Name _____ Date _____

Investigating Mass vs. Number Feedback Box	Expectation	Check In	Comments
Represent the variables and procedures of an investigation in a drawing. [Q# 1]	E8		
<ul style="list-style-type: none"> Identify and label the variables as Number of Objects (N) and Mass (in grams) (M). 			
<ul style="list-style-type: none"> Show the procedure: measuring the mass of identical objects, and using a two-pan balance and standard masses. 			
Measure mass in grams. [Q# 2]	E6		
<ul style="list-style-type: none"> Level the two-pan balance properly. 			
<ul style="list-style-type: none"> Balance the two pans as closely as possible. 			
<ul style="list-style-type: none"> Add the standard masses correctly. 			
<ul style="list-style-type: none"> Measure the common object within an appropriate range. 			
Collect and organize data in a table. [Q# 2]	E7		
Make a point graph using ordered pairs and draw a best-fit line. [Q# 6]	E9		
<ul style="list-style-type: none"> Transfer information in the data table to a graph and plot points. 			
<ul style="list-style-type: none"> Label and number the axes. 			
<ul style="list-style-type: none"> Title the graph. 			
<ul style="list-style-type: none"> Draw a straight line with a ruler with as many data points above it as below. 			
<ul style="list-style-type: none"> Include the (0,0) point in the best-fit line. 			

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