

Rubric for Atomic Theory - Electron Distribution lab

Data Table:

The Data table is worth 10 points.

10 points awarded if data is present and values are correct.

1 point deducted for each piece of data that is missing (should be 6 total).

Graph:

The graph is worth 40 points.

	10 points	6 points	3 points	0 points
<b>Title</b>	Title is creative and clearly relates to the topic. It is printed at the top of the graph.	Title clearly relates to the topic being graphed and is printed at the top of the graph.	A title is present at the top of the graph.	A title is not present.
<b>Units and Axes Labeled</b>	All units are described (in a key or with labels) and are appropriately sized for the data set.	Most units are described (in a key or with labels) and are appropriately sized for the data set.	All units are described (in a key or with labels) but are not appropriately sized for the data set.	Units are neither described NOR appropriately sized for the data set.
<b>Representation of Data</b>	Exceptionally well designed, neat, and attractive. Colors that go well together are used to make the graph more readable. Scale is appropriate	Neat and relatively attractive. Colors are distinguishable.	Neat, but the graph appears quite plain. Colors may be distinguishable. Software procedure may or may not be followed. Scale is not appropriate.	Appears messy and "thrown together" in a hurry.
<b>Spelling, mechanics, punctuation, capitalization</b>	No spelling, mechanics, punctuation, or capitalization	1-3 errors	4-6 errors	More than 6 errors

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Questions:

Each question is worth 10 points, for a total of 50 points.

10 points: The response indicates that the student has a complete understanding of the concept. The response is accurate and complete.

5 points: The response indicates that the student has a partial understanding of the concept. The response is text-based, but is incomplete.

0 points: No response, or the response indicates that the student does not demonstrate an understanding of the concept. The response is inaccurate or has insufficient information to determine if understanding took place.