**Polling the Class Assignment – Pie Graph**

Your group must submit a Data Table & Pie Graph on one sheet of poster paper.

Include the following:

 Appropriate title (1 mark)

 Correctly designed data table, including the total # of people polled (1 mark)

 Calculations for converting from # of people to % of total (2 marks)

 Appropriate legend for pie chart (2 mark)

 Label each piece of the pie with category and % of total (2 marks)

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On the back of the poster paper, provide 2 questions that can be answered using your pie chart. (2 marks)

Provide answers & show your work for each calculation that you do. (2 marks)

Example questions:

(Simple) What percentage of people chose Blue?

(More complex) How many people chose either Red or Orange? To answer this question, you would have to first convert each of the percentages back to the original number, then add the two numbers together.

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Group Members:

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7.SP.3. Construct, label, and interpret circle graphs to solve problems.

Identify common attributes of circle graphs, such as title, label, or legend

Create and label a circle graph, with or without technology, to display a set of data.

Translate percentages displayed in a circle graph into quantities to solve a problem.

Interpret a circle graph to answer questions.