NCTM Content Standards Assessment Rubric

Data Analysis & Probability – Drill Sheets



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4a) The pie chart below represents the percent of votes four candidates received in a mayor's race.

Ex: If 3,600 people voted, how many votes did Caleb Wallace and Samuel Owens 3,600 x 0.5 (50%) = 1800 votes receive?



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a) The following column chart shows the number of boxes of each type of cookie sold for three different groups at the Wildlife Scout cookie sale.



The tally chart below shows how people responded to a question about ice cream flavors. Work with a partner or small group to answer the questions below.

Flavor	Student's responding
Vanilla	/////
Chocolate	///// /////
Butternut	///
Mint	///// /
Rocky road	//
Watermelon	///



- a) What question might students have been asked in order to be at the results shown on this chart?
- b) List the flavors in order from most volter to reast votes
- c) Identify how many students well, ask d to participate in this chart.
- d) Make three providings or this chart (example, what is the ratio of students who chose chocolate to students who chose watermelon).
- e) Make three fractions based on this chart (example, what fraction of the total students selected rocky road).

f) As a group, decide what type of graph best shows this data. Then, put this data into the graph.

