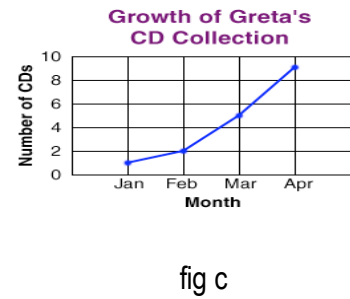
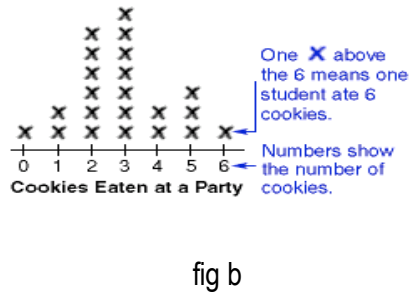
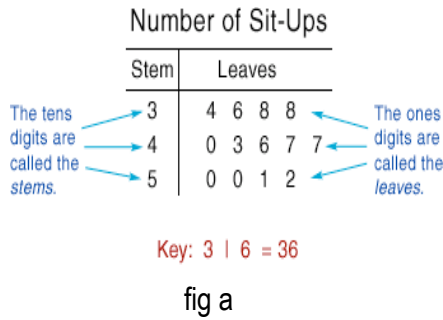


Grade 4 Mathematics Unit Preview Quarter 4: Statistics

Objectives: (Your student will be able to)

- **Analyze, interpret, and make predictions based on tables, single and double bar graphs, single and double line graphs, and stem and leaf plots.** For example, stem and leaf plot (fig a), line plot (fig b), and line graph (fig c) below:



- **Collect and organized data using line plots, line graphs, and stem and leaf plots.**
- **Determine the mode, median, and range for a given set of data.** For example, Median: Middle value in a set of data, Mode: the value that appears the most, Range: The difference between the greatest value and the least value)
- **Interpret a circle graph.** Example to the right.
- **Determine the average for a given set of numbers using manipulatives.**



Vocabulary: (Words your student will need to understand)

• Data: Information collected from people or things.	• Average (Mean): The total number of all scores divided by how many scores were there.
• Median: Middle value in a set of data.	• Mode: The value that appears the most.
• Range: The difference between the greatest value and the least value.	• Line Plot: A graph that shows the frequency of data along a number line.
• Line Graph: A graph that uses a line to show data changes over a period of time.	• Tables: Data organized in columns and rows

Activities to do with your student (in addition to homework, optional):

- Make a line graph showing how often you watch T.V for a period of seven days.
- Find a graph and determine the median, mode, and range of the data.
- Survey family members favorite foods, T.V. shows, etc. and create a table or bar graph.
- Use a calculator to determine the average of a set of data.

