

## Data Collection Task Grade 4

Names \_\_\_\_\_

You have gathered data from 2 groups. Use both sets of data to answer these questions. Then use this information into your presentation. (See Presentation Guidelines)

1. Organize your data.
2. Display both sets of data on the same type of graph. What is an advantage of using the same graph for both sets of data?
3. What do you notice about the shape of your data? Are there any clumps, gaps, or unusual data points (outliers)? What does this tell you about the sampled groups?
4. Record the minimum and maximum values and find the range for each group sampled.
5. Determine the mode and median for each group sampled.
6. What do the statistics in questions 4 and 5 above tell you about your two groups and what is typical for each group?
7. Which of the measures above (range, median or mode) do you think gives the best picture of what is typical for the groups you investigated? Why?
8. Describe the two groups based on your data.
9. Revisit your question. Did your investigation answer your question?
10. What other questions come to mind?
11. What would you do differently next time?