

Data Collection Task Grade 5

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. Display both sets of data on two different types of graphs. (Total of 4 graphs.)
2. Evaluate the two types of graphs you used. Which graph better represents your data? Why? Would other type of graph be better?
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. Find the mean for each by redistributing the data into fair shares.
7. What do the statistics above tell you about your two groups and what is typical for each group?
8. Which of the measures above (median, mode, range or mean) do you think gives the best picture of what is typical for the groups you investigated? Why?
9. Describe the two groups based on your data.
10. Revisit your question. Did your investigation answer your question?
11. What other questions come to mind?
12. What would you do differently next time?