Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Intro to Statistics – Ms. Klimczuk

Goal: Gather information about all the sibling ages in our class and represent the data using different displays. *Make sure to label and title every display!*

**Part 1: Look at the ages of all your classmates’ siblings.**

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| **Your name** | **The ages of your siblings** |
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**Part 2: Create a histogram of the data.**

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**Part 3: Create a relative frequency histogram of the data.**

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**Part 4: Create a stem-and-leaf display of the data. Make sure you put a key.**

**Part 5: Create a SPLIT stem-and-leaf display of the data. You do this when the data is a little crowded. Put the leaves 0-4 on one line and 5-9 on another. Make sure you put a key.**

**Part 6: Make a dotplot of the data.**

**Part 7: Discuss which display you like the best. Why did you choose this one?**

**Part 8: Now let’s graph the histogram on our TI-Calculators. ☺**