



MEASURES OF CENTRAL TENDENCY

Name _____

Date _____ Period _____

- Have each section of your paper answered and signed by different people.
- Each person can only sign your sheet 3 times.
- Calculate the mean, median, mode, and range for each column on your chart.



How many hours per day you talk on the phone?	How many siblings do you have?	How many hours per day do you watch TV?	How many hours per day do you play video games?	How many texts do you send in a day?
Mean:	Mean:	Mean:	Mean:	Mean:
Median:	Median:	Median:	Median:	Median:
Mode:	Mode:	Mode:	Mode:	Mode:
Range:	Range:	Range:	Range:	Range:



Name _____

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MEASURES OF CENTRAL TENDENCY ACTIVITY FOLLOW-UP QUESTIONS



1. Why do you think **Range** is shaded differently from **Mean, Median, and Mode** on the Activity Sheet? How does **Range** impact the **Measures of Central Tendency**?
2. Did you have **Outliers** on any of the questions? If so, what were they?
3. How would an **Outlier** impact your data? Which **Measure of Central Tendency** would be most affected by an **Outlier**?
4. Choose one of your survey questions. Which Measure of Central Tendency best represents your data? Why?
5. How do you think your data would be impacted if you surveyed everyone in the class? What if you surveyed everyone in the school?
6. Choose one of your survey questions.
Make a bar graph of the data. (Be sure to: include a Title, label the axes, & use appropriate scaling)
Explain how you can determine the Mean, Median, Mode, and Range from the bar graph.