

MEAN, MEDIAN, MODE PRACTICE SHEET

EXAMPLE 1: Twenty-seven countries have sent people into space. The table shows the number of individuals from each country. Find the mean, median, and mode of the data

PEOPLE IN SPACE								
267	1	9	8	1	1	1	1	1
97	1	1	1	3	1	1	2	1
11	2	1	1	5	1	1	1	1

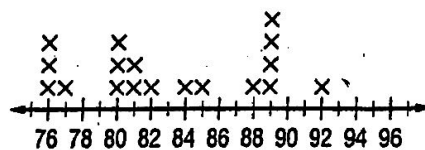
MEAN:

MEDIAN:

MODE:

- Which measure of central tendency does not accurately describe the data set? Why?

EXAMPLE 2: The line plot shows the test scores of the students in Mrs. Kempf's math class. Find the mean, median and range.



Test
Scores

MEAN:

MEDIAN:

MODE:

- Would mean, median, or mode best represent the test scores? Why?

Practice: Word Problems

Mean, Median, and Mode

SCHOOL For Exercises 1–6, use the table below. It shows the number of times per day that students go to their lockers.

Student: Locker Visits							
2	2	0	1	2	2	3	4
0	5	2	5	2	5	2	4
2	4	6	4	5	6	5	6
2	2	0	1	4	6	10	2

<p>1. Make a frequency table of the data.</p>	<p>2. What is the range of the data?</p>
<p>3. Find the mean, median, and mode of the data. Round to the nearest tenth if necessary.</p>	<p>4. Would the mean, median, or mode best represent the data? Explain.</p>
<p>5. Explain why the mean does not best represent the data.</p>	<p>6. If the value 10 were dropped from the data, find the median and the mode of the remaining data.</p>