

MEASURES OF CENTRAL TENDENCY – MODE AND MEDIAN

Name: _____ Class: _____ Due Date: _____

Family Member Signature: _____

Objective:

To practice finding the mode and median of sets of data.

Necessary Information:

No calculators needed.

Mode – the number that occurs the most often.

Median – when the data is listed in ascending order, it is the middle number.

Practice Section:

1. Use the data, put in ascending order and find the mode and median.

a. **1 , 6 , 9 , 4 , 2 , 3 , 2**

Ascending Order:

Mode =

Median =

b. **15, 7, 14, 21, 5, 9, 13, 11**

Ascending Order:

Mode =

Median =

2. A sample of eight students were randomly selected and asked, "How many times did you check your email yesterday?" The numbers were: 2, 12, 2, 2, 11, 10, 0, 9

a. Put the data in ascending order.

b. Find the mode.

c. Find the median.

3. The amount of honey harvested, in gallons, from a hive for 15 years is 6, 3, 6, 6, 5, 6, 7, 7, 3, 4, 7, 5, 6, 4, and 7. Find the mode amount of honey. Determine the median amount of honey.

4. Three teams each play 5 games. The scores are listed in the chart.

Mode =

	Game 1	Game 2	Game 3	Game 4	Game 5
Jaguars	67	87	54	99	78
Wolves	85	90	44	80	46
Lions	32	101	65	88	55

Median =

In Your Real World:

With a family member, create a set of data (with 7 pieces of data) that has a mode of 5 and a median of 6.

Data: _____, _____, _____, _____, _____, _____, _____

Mode = 5

Median = 6