

MEASURES OF CENTRAL TENDENCY – MEAN AND RANGE

Name: _____ Class: _____ Due Date: _____

Family Member Signature: _____

Objective:

To practice finding the mean and range of sets of data.

Necessary Information:

Calculators allowed.

Mean – add up the numbers and divide by how many pieces of data there are.

Range – Biggest number – Smallest number

Practice Section:

1. Use the data, put in ascending order and find the mean and range.

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

Ascending Order:

Mean =

Range =

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

Ascending Order:

Mean =

Range =

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 mean.

c. Find the range.

3. Harley read 5 books in January, 8 books in February, 4 books in March, and 7 books in April. What is the mean number of books Harley reads per month? What is the range of her books read?

4. Clayton plays basketball on a team. He has played three games so far. In the first game, he scored 10 points. In the second game, he scored 14 points. In the third game, he scored 6 points. What is Clayton's mean points per game? What is the range of his points scored?

In Your Real World:

With a family member, create a set of data (with 4 pieces of data) that has a mean of 5 and a range of 8. HINT: the sum must equal 20.

Data: _____ , _____ , _____ , _____

Mean = 5

Range = 8