

One Variable Statistics

Name: _____

1. a) Determine the mean, median, mode, range and mean deviation for the following set of data:

12, 10, 12, 14, 18

ORDERED:

Mean:

Median:

Mode:

Range:

Mean Deviation:

- b) What is the percentile rank of 15?

2. a) Determine the mean, median, mode, range and mean deviation for the following set of data:

120, 102, 115, 141, 180, 147

ORDERED:

Mean:

Median:

Mode:

Range:

Mean Deviation:

- b) What is the percentile rank of 150?

3. Given the stem-and-leaf plot:

20	1,2,2,4,7,8
21	0,0,0,0,1,3,5,6,9
22	0,1,2,3,7,8
23	3,4,6,7

- a) What is the mean?
- b) What is the median?
- c) What is the mode?
- d) What is the range?
- e) What is the mean deviation?
- f) What number is in the 85th percentile?
- g) What is the percentile rank of a score of 210?