Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Intro to Statistics – Ms. Klimczuk

MEASURING SHAPE AND CENTER WORKSHEET

Directions: For each set of data, write down the following:

1. Whether the distribution is uniform, unimodal, or bimodal
2. Whether the distribution is symmetric or skewed
3. The mode
4. The max, min, and range
5. Outliers
6. The median, 1st quartile, 3rd quartile, and the interquartile range (IQR)
7. The mean
8. State whether the mean or the median would best describe the center of the distribution. Why?

Problem 1:



a)

b)

c)

d)

e)

f)

g)

h)

Problem 2:



a)

b)

c)

d)

e)

f)

g)

h)