Intro to Statistics Classwork/Homework Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Introduction to Z Scores

Warm-up: You took the SAT in 2018, and you’ve just learned that you got exactly the same score on the reading section of the SAT that your older sibling/friend did when s/he took the test in 2013. (Don’t worry, you both did really well!) Which of you should be more proud of your score? Why?



**Measures of Position**

Frequently we will want to discuss one datum from a data set and describe where it falls among the data. There are a number of ways to do this. One is the z score.

**Z Scores**



2018



2013



Calculate the z score for a student who earned a score of 760 on the ERW section in 2013, and for a student who earned a score of 760 on the ERW section in 2018.

Now let’s compare how one student is doing in two different classes:



Classwork/homework (you’re welcome to do this on a separate page so as to have enough space and retain your notes): #10, 11, 13-15

 