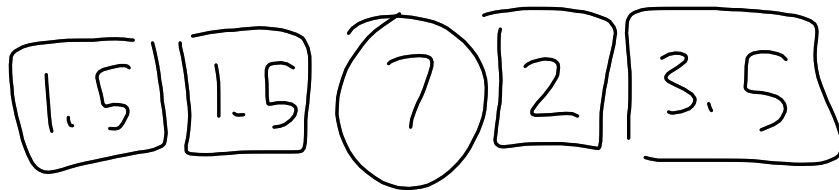


Grab a scrap of paper and answer the following questions: (Limit your answers to 1 sentence)

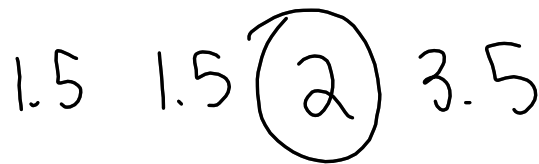
1. What is statistics?
2. What is data?
3. What is a stem and leaf plot? (think trees and grade 6 maybe)
4. What is arithmetic?
5. What is the mean of some data? sum divided by total
6. What is the median of data? (There is one in Winkler by Tim's and one here by Bunge)
middle number of a set a data
7. What is the mode of data?
8. What is an outlier?
9. What is a weighted mean?
10. What is a trimmed mean? (Hint, a true trimmed mean is different than Dueck's Chemistry class in grade 12)

Test scores



median
average

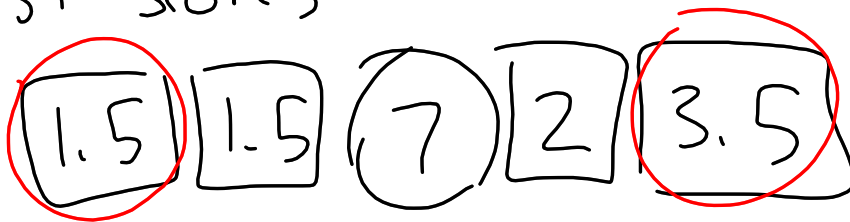
write in order first.



med = 2
mod = 1.5

outlier

Test scores



arithmetic mean $\rightarrow \frac{\text{sum}}{\text{total No.}} = \frac{15.5}{5} = 3.1$

trimmed mean
gets rid of outliers

remove lowest, remove highest

$$\frac{15.5 - 1.5 - 7}{5 - 1 - 1} = \frac{7}{3} = 2.33$$

lowest highest

mean	3.1
median	2
mode	1.5
trimmed mean	2.33

Homework

Page 110 Q 1, 2

Q1

stem	Leaf
11	2 5 3

vs

stem	Leaf
15	5
14	9 5 4