

11-1F Homework pg 659 : 7, 3, 5, 7, 13

7a) 1148

7b) w/out outlier
 mean 303.75
 median 285
 mode - None
 Range 1, 138

w/out outlier
 mean 22.3
 median 14
 mode - None
 Range 33

The mean goes up 281.45, median goes up 14, and range goes up 1,105 with the outlier

7c. The median is the least affected by the outlier.

Without the outlier, the mean would be the best.

3. The mode because there are a few repeated numbers.

OR The mean b/c no outliers

5. The outlier is 2.43

With outlier
 mean 6.3
 median 6.19
 mode None

Without outlier
 mean 7.2
 median 7.3
 mode None

With the outlier the mean goes down 0.9, median goes down 1.1.

With the outlier the mean is least affected with out the outlier, either mean/median

13. With outlier
 mean 178.4
 median 68.25
 mode None
 Range 578.37

Without outlier Both outliers
 mean 91.57 OR 53.7
 median 46.5 45.25
 mode None None
 Range 208.62 55.62

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