UTP Statistics Quiz Assistance

 

Step #1 put in order:

75,79,84,84,86,87,88,89,90,92

Eliminate to get to middle – Since there are two in the middle, add them and then divide by 2

86 + 87 = 173

173 ÷ 2 = 86.5



Variation is the range or the

difference in highest and lowest.

22 – 11 = 11



First order the data: 6,7,7,8,9,9,11,12,14

Lowest = 6

1st quartile = Middle # 6,7,7,8,9 = 7

Median = 9

3rd quartile = Middle # 9,11,12,14 = 11+ 12 = 23

 23 ÷ 2 = 11.5

Highest = 14

Three of the answers have the same #’s only one does

not work based on above calculations



First put in order: You are looking for the mean of the upper quartile or from the median of the whole set to the highest number in the data set

 ( 3.9,4.1,4.2,4.3,4.3,4.4,4.4,4.4,4.4,4.5,4.5,4.6,4.6,4.8,4.9,5.0,5.1)

 4.4 is median of data set or median of Q2

 From 4.5 to 5.1 there are 8 numbers, 2 middle numbers are:

 (4.6 + 4.8) = 9.4

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