

Name _____ Date _____ Hour _____

Statistics and Probability Practice Summative Assessment

***Directions:** Answer each question completely and show all of your work.

(1). Jack's math test scores were 79, 95, 84, 80, and 100. Find the Mean, Median Mode and Range for this set of data. Round to the nearest tenth if necessary.

Mean _____, Median _____, Mode _____, Range _____

(2).). Identify the 5 number summary and make a Box and Whisker Plot for Jacks math scores in number 1.



(3). Use this set of data to find the mean, median, mode and range. Round to the nearest tenth if necessary.
67, 81, 91, 68, 70, 91, 82, 91, 70, 71, 70

Mean _____, Median _____, Mode _____, Range _____

(4). Identify the 5 number summary and make a Box and Whisker Plot for the data used in number 3.



(5). Randy bowled 6 games last weekend. His scores are 166, 185, 171, 180, 175, and 180. Find the mean, median mode and range of this set of data. Round to the nearest tenth if necessary.

Mean _____, Median _____, Mode _____, Range _____

(6). Identify the 5 number summary and make a Box and Whisker Plot for Randy's bowling scores in number 5.



(7). Use this set of data to find the mean, median, mode and range. Round to the nearest tenth if necessary.

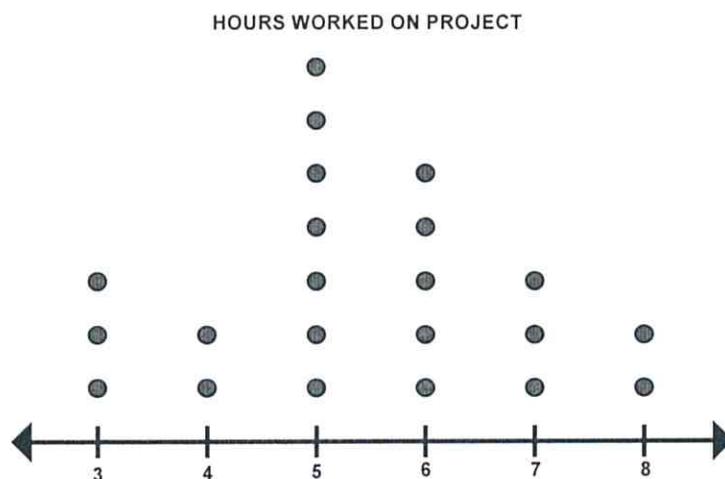
59, 37, 45, 34, 30, and 51

Mean _____, Median _____, Mode _____, Range _____

(8). Identify the 5 number summary and make a Box and Whisker Plot for the data used in number 7.

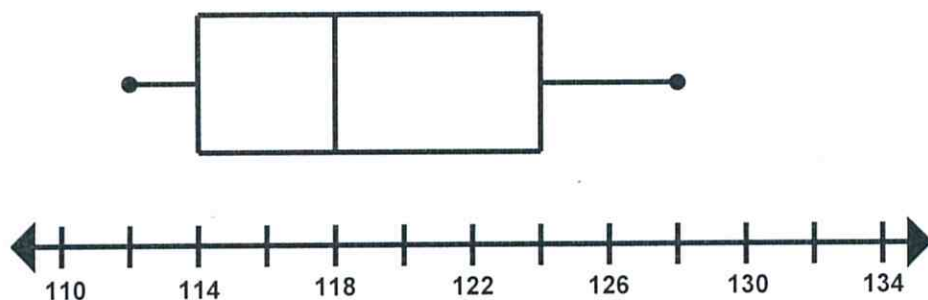


(9). Use the dot plot to organize your data. Find the mean, median, mode and range.



Mean _____, Median _____, Mode _____, Range _____

(10). Use the box and whisker plot below to identify the Five Number Summary for the set of data.



Minimum:

Lower Quartile:

Median:

Upper Quartile

Maximum