

Math 206 - Quiz 6

March 9, 2011

Name _____

Score _____

Show all work to receive full credit. Supply explanations when necessary.

1. (1 point) If the mean weight of seven linemen on a team is 230 lb and the mean weight of the four backfield members is 190 lb, what is the mean weight of the 11-person team?

2. (2 points) What is the difference between a line plot and a line graph? Give an example of a situation where one would be an appropriate display, but not the other.

3. (1 point) Sketch the stem-and-leaf plot for the following collection of scores:

74, 68, 86, 74, 92, 87, 75, 72, 74, 88, 83, 77

4. (1 point) Use your calculator to compute the mean and standard deviation of the scores above.