Math 115 - Quiz 4

September 25, 2014

Name _____

Score _____

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

1. (3 points) A test has mean score 68.5 and standard deviation 6.4. What numbers are the cutoffs for unusually low and high scores? Is 85 an unusually high score?

2. (4 points) Do Problem #46 on page 98. Is there more variation in the males' scores or the females' scores?

3. (3 points) Compute the five-number summary and the interquartile range. Do this first by hand, then use your calculator to check your quartiles.

$$36, 41, 39, 15, 48, 34, 28, 25, 28, 19, 18, 50, 27, 53$$