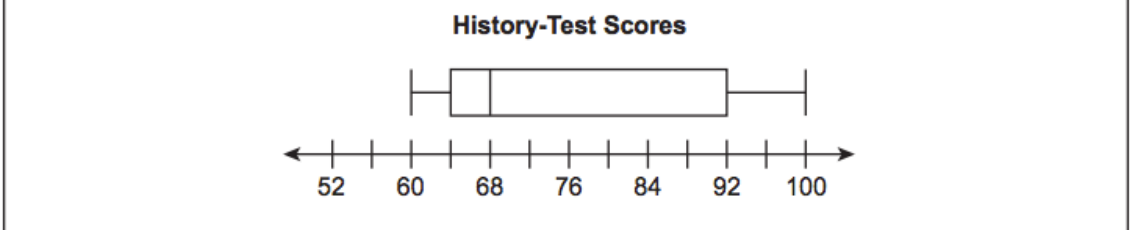
Week 10 questions Name _____

These questions are due by the end of the week. 10/10 points towards your assessment grade if you get them all right and have the math work on paper to back up your work.
You will receive zero points and fail the assignment if you are asked for your work on paper and can not produce that effort. Missing some part of the assignment will cause a loss of that percent of the overall assignment.
These weekly problems cannot be attempted a second time and the work must be turned in on time, not later in the day, not during remediation, and not the next day.
You should work on these problems throughout the week and use down time in class to work with your teams on the solution to these problems.

1.

Standard A1.2.3

The box-and-whisker plot shown below represents students' test scores on Mr. Ali's history test.



a. What is the range of scores in Mr. Ali's class?

b. What is the interquartile range of the scores?

c. What percent of the students scored above 92?

d. Based on the plot above, is it accurate to say that 50% of the students scored above a 75? Yes or no, and <u>explain</u> your answer.

2. Solve and graph the solution to the following absolute value inequality problem.

$$|3x - 7| > 28$$