

NAME _____

5 September 2008

MATH 156.6 — QUIZ I

Here are the IQ test scores of 10 randomly chosen fifth-grade students:

145 139 126 122 125 130 96 110 118 118 .

a) What is the median of this data?

b) What are the quartiles Q1 and Q3 of this data?

c) Make a box-and-whisker plot (boxplot) of this data – the dimensions don't have to be exact (after all, this is not graph paper), just approximate the sizes of the different pieces and label each important part of the boxplot with both a number and a name of which feature of the data (*e.g.*, “min”, “Q1”, *etc.*) it represents.