

BOX and WHISKER DIAGRAMS

1. For each of the three sets of data below, find the MEDIAN, LOWER QUARTILE and UPPER QUARTILES

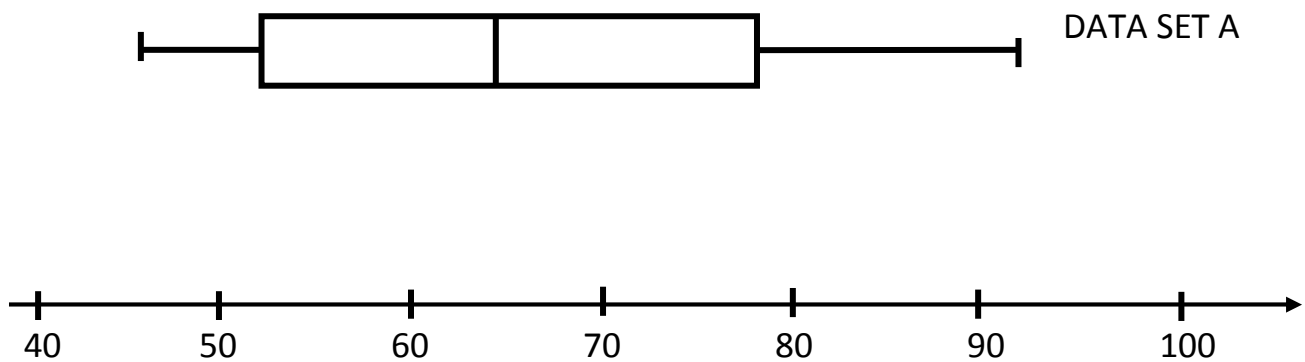
DATA SET A 45 48 52 54 59 69 70 78 86 92

DATA SET B 47 48 50 52 59 62 70 72 98

DATA SET C 50 60 65 69 78 82 89 90

Use a SINGLE copy of the axes below (Use graph paper).

Copy the box plot for data set A. Draw box plots for the other two data sets underneath this one.



For the box plots you have drawn, COMPARE all three data sets. Make a comment about

(i) The range or SPREAD of the data (ii) The median

2. Two data sets below have been plotted on the **same set of axes**. By circling the median, LQ and UQ, make some general comments about these two sets of data.

DATA SET D x x x x x x x x x x x

DATA SET E x x x x x x x x x x x