

You can answer the questions by typing/ drawing on MS Word (or any apps) and/or by writing on paper(s) and then take a photo(s) of the paper(s). If you have more than 1 file, please put all files in 1 folder and zip that folder. The folder name is your BinusianID. Send it to my Gmail email, with the subject in the email: Assignment 01 STAT6171001 – [your name] [your Binusian ID]

Examples:

Folder Name: 0960013605.zip

Email Subject: Assignment 01 STAT6171001 – Raymond Bahana 0960013605

1. Students in year 7 took an English test. The boys' results are summarized below.

The lowest mark was 12

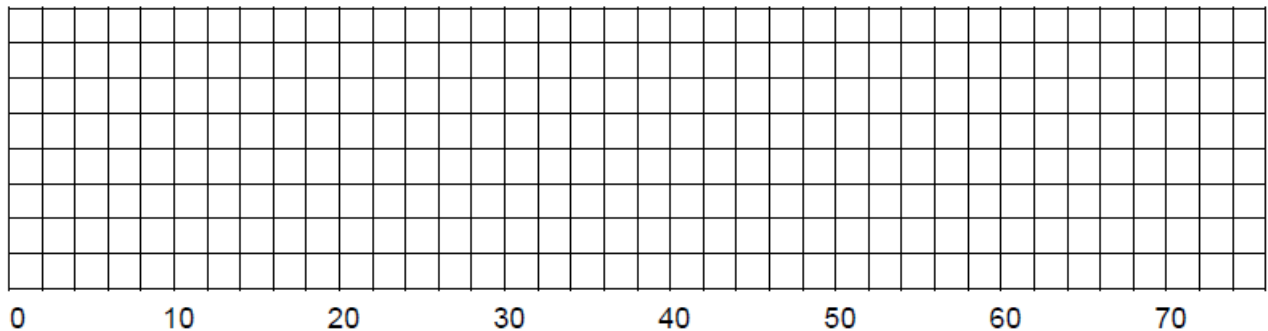
The highest mark was 55

The median was 32

The upper quartile was 41

The interquartile range was 22

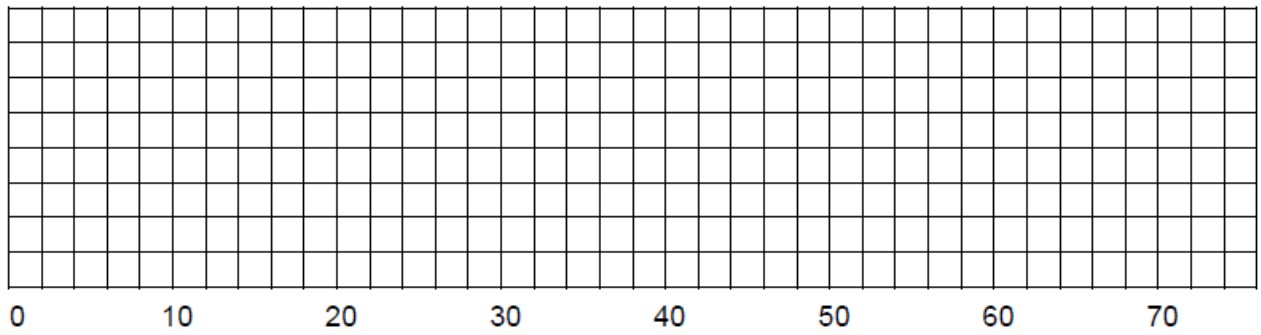
On the grid below, draw a box plot to represent this information.



2. 2 Students in year 7 took an English test. The girls' results are summarized in the table below.

15	17	17	21	26	29
31	35	40	46	49	57

Use the information in the table above to construct a box plot on the grid below.



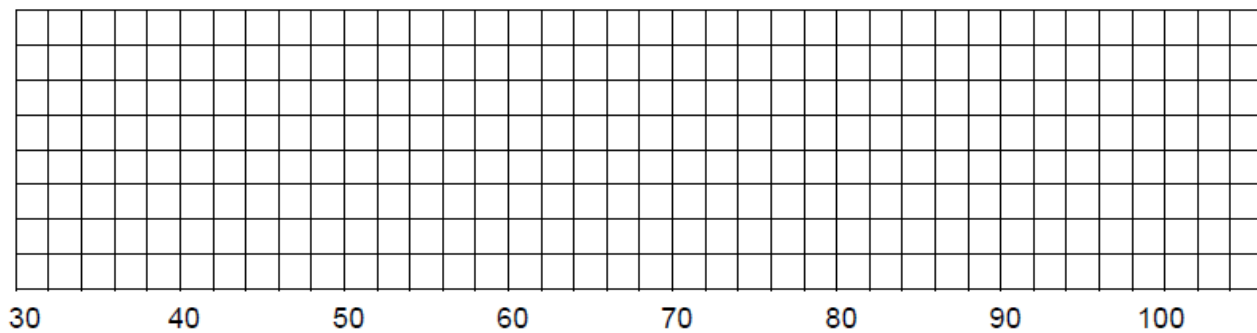
3. Year 8 students took a math test.

The summary statistics for both boys and girls are summarized below.

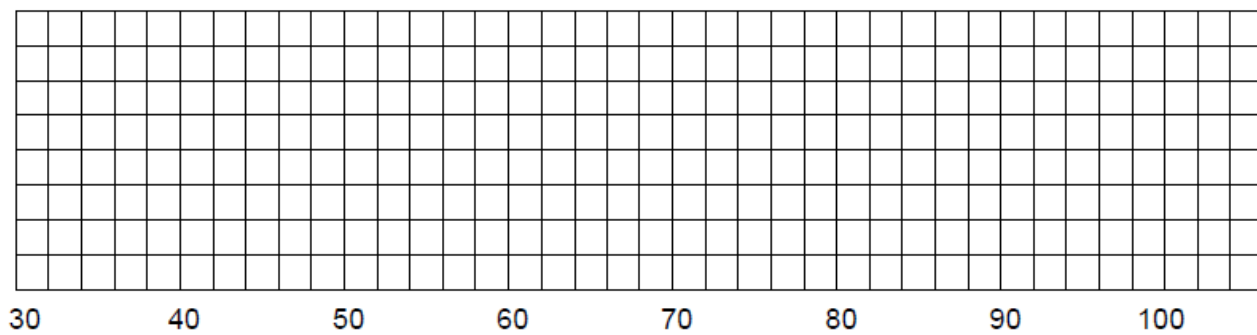
	Boys	Girls
Median	55	60
Highest Value	82	78
Range	48	38
Upper Quartile	70	72
Lower Quartile	42	45

Draw box plots for both sets of data on the axes below.

Boys



Girls



Compare the box plots of the boys and girls. Explain!