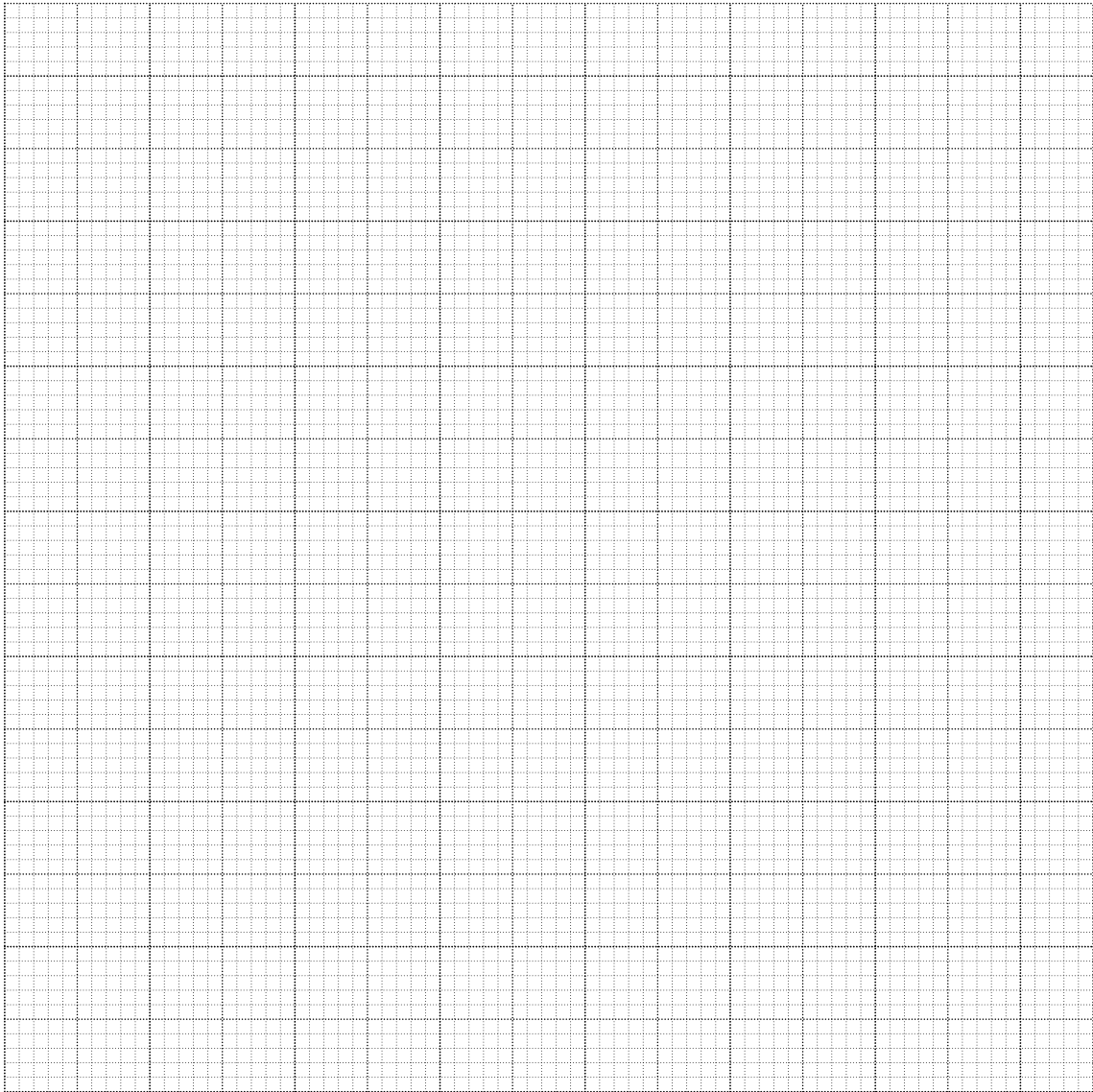


- 7 A particular piece of music was played by 91 pianists and for each pianist, the number of incorrect notes was recorded. The results are summarised in the table.

Number of incorrect notes	1 – 5	6 – 10	11 – 20	21 – 40	41 – 70
Frequency	10	5	26	32	18

- (a) Draw a histogram to represent this information. [5]



- (b) State which class interval contains the lower quartile and which class interval contains the upper quartile.

Hence find the greatest possible value of the interquartile range.

[2]

[illegible]

- (c) Calculate an estimate for the mean number of incorrect notes.

[3]

[illegible]