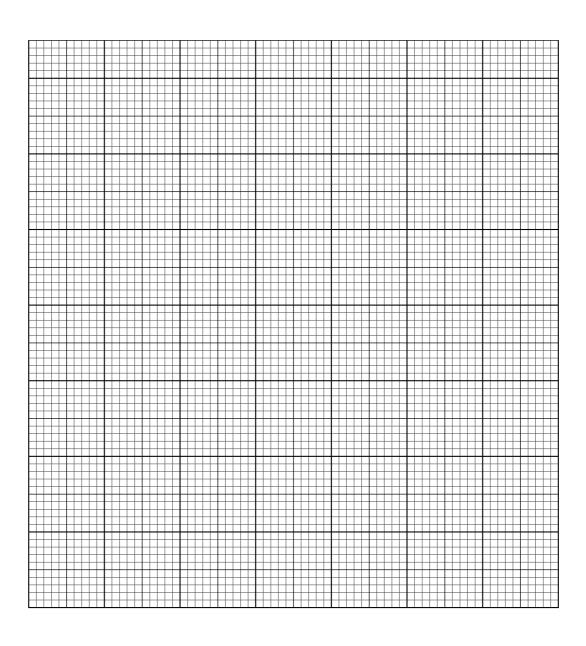
4 The times, to the nearest minute, of 150 athletes taking part in a charity run are recorded. The results are summarised in the table.

Time in minutes	101 – 120	121 – 130	131 – 135	136 – 145	146 – 160
Frequency	18	48	34	32	18

(a) Draw a histogram to represent this information.

[4]



<b>(b)</b>	Calculate estimates for the mean and standard deviation of the times taken by the athletes. [5]							
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