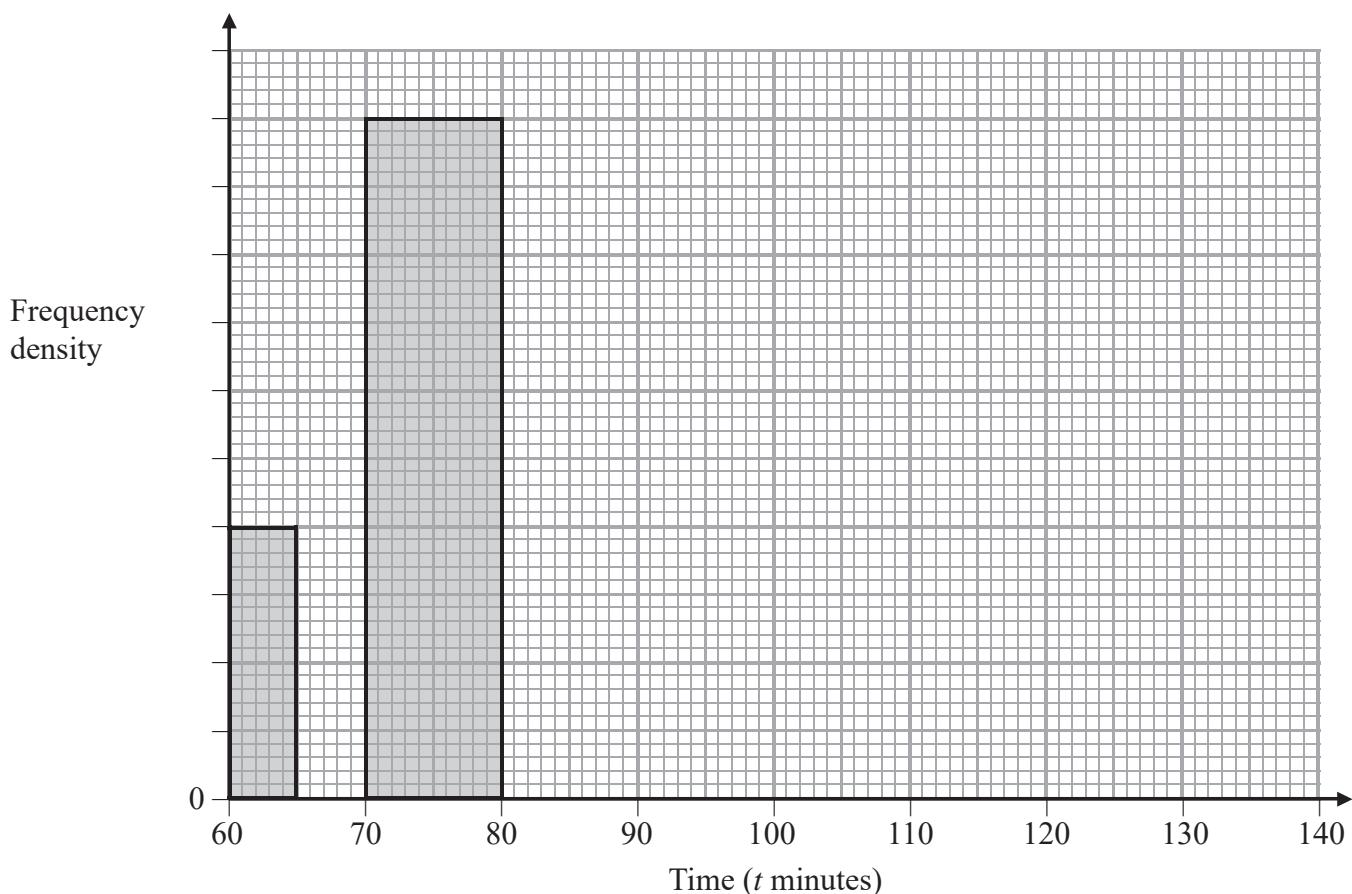


- 7 Information about the times, in minutes, taken by 305 runners to complete a half marathon is given in the incomplete table and the incomplete histogram.

Time (t minutes)	$60 < t \leq 65$	$65 < t \leq 70$	$70 < t \leq 80$	$80 < t \leq 95$	$95 < t \leq 115$	$115 < t \leq 140$
Frequency	10	20		60	90	



- (a) Complete the table and the histogram. (5)
- (b) Write down the class interval that contains the median. (1)
- (c) Calculate an estimate of the mean time, to the nearest minute, taken by the 305 runners to complete the half marathon. (4)

Turn over for a spare grid if you need to redraw your histogram.



Question 7 continued

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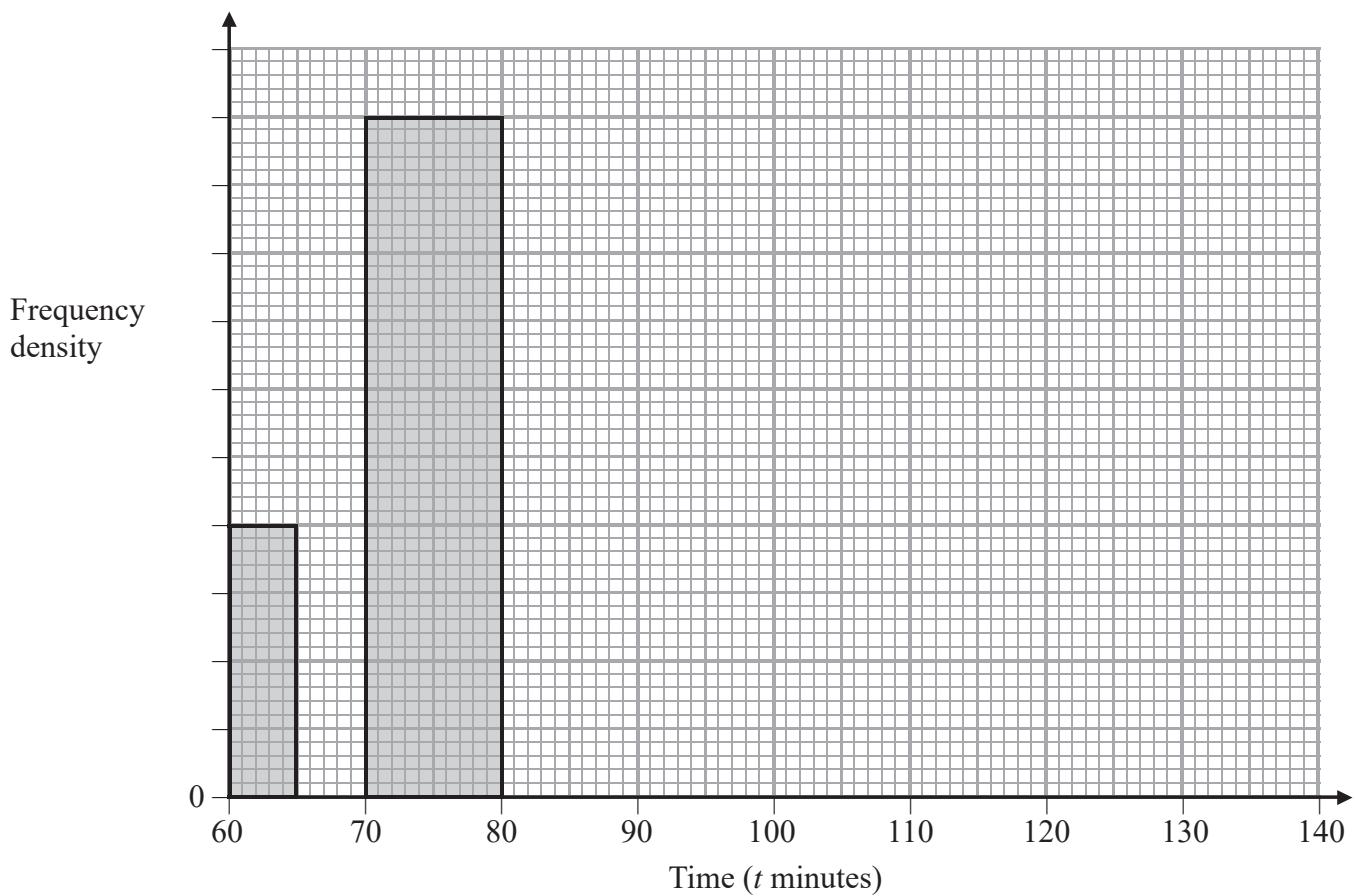


P 5 3 3 0 9 A 0 1 3 3 2

Question 7 continued

Only use this grid if you need to redraw your histogram.

Time (t minutes)	$60 < t \leq 65$	$65 < t \leq 70$	$70 < t \leq 80$	$80 < t \leq 95$	$95 < t \leq 115$	$115 < t \leq 140$
Frequency	10	20		60	90	



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Question 7 continued

(Total for Question 7 is 10 marks)



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