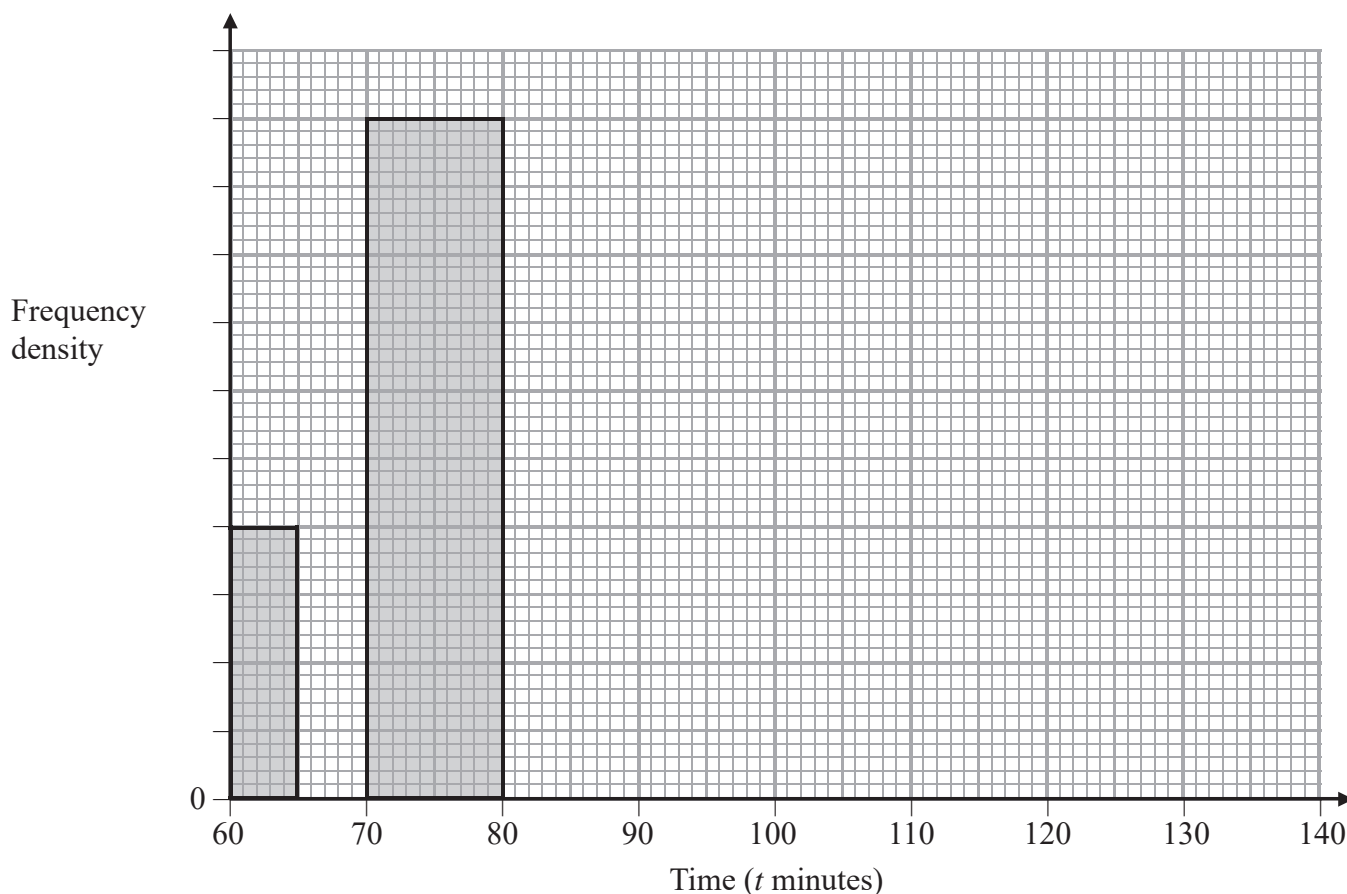


- 7 Information about the times, in minutes, taken by 305 runners to complete a half marathon is given in the incomplete table and the incomplete histogram.

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.

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA



DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

Question 7 continued

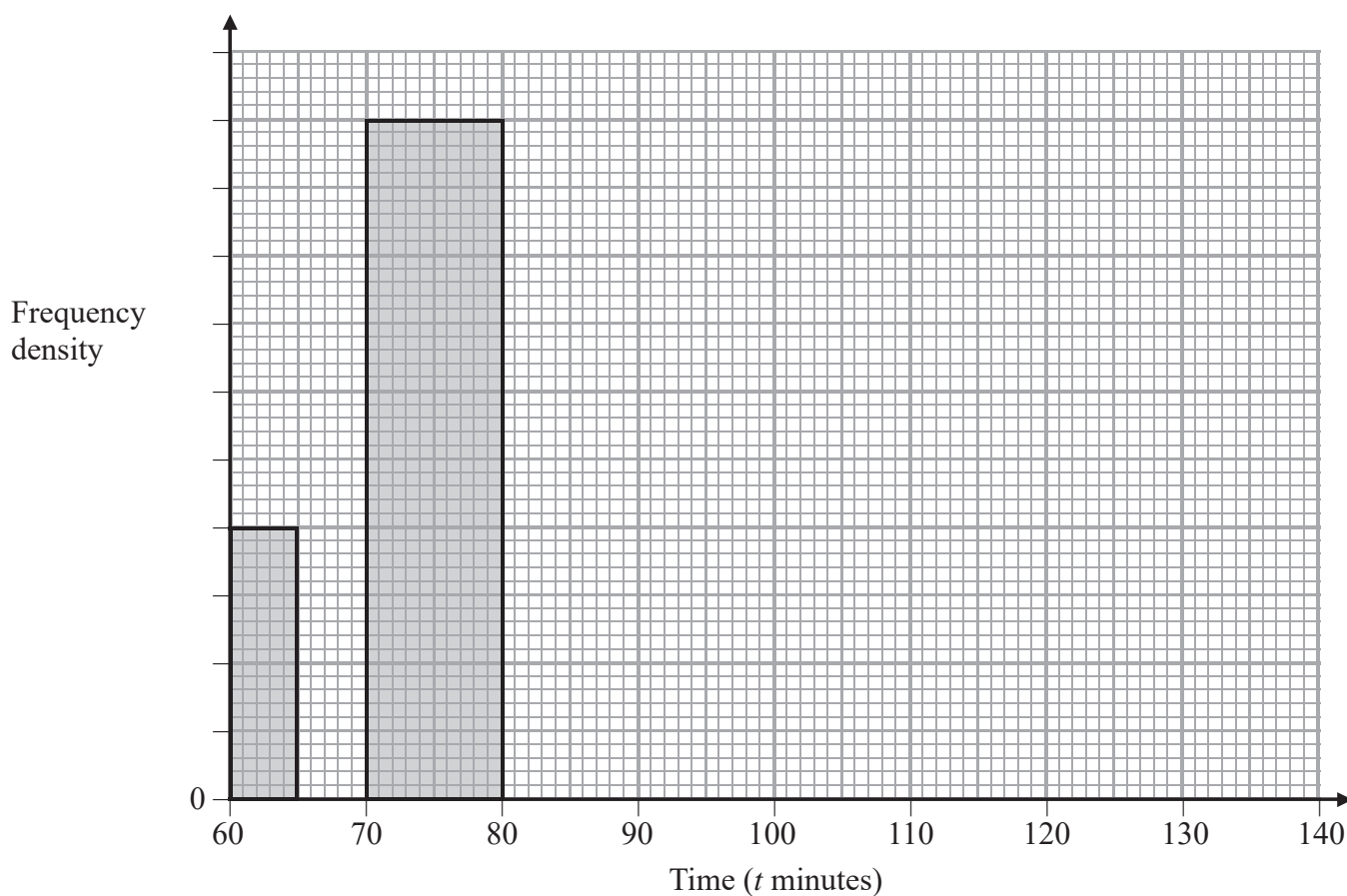
Handwriting practice area with 20 horizontal dotted lines.



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	



DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA



DO NOT WRITE IN THIS AREA

(FORM FOR DESTRUCTION : 15-10-1999)

