26 Jenny has a shop.

One Monday, each of the 40 people who went in Jenny's shop were asked how long they were in the shop.

The table below shows information about the results.

Time (t minutes)	Frequency
$0 < t \leqslant 5$	10
$5 < t \leqslant 15$	7
$15 < t \leqslant 25$	5
$25 < t \leqslant 30$	6
$30 < t \leqslant 40$	12

(a) Calculate an estimate for the mean length of time, in minutes, that these people were in the shop.

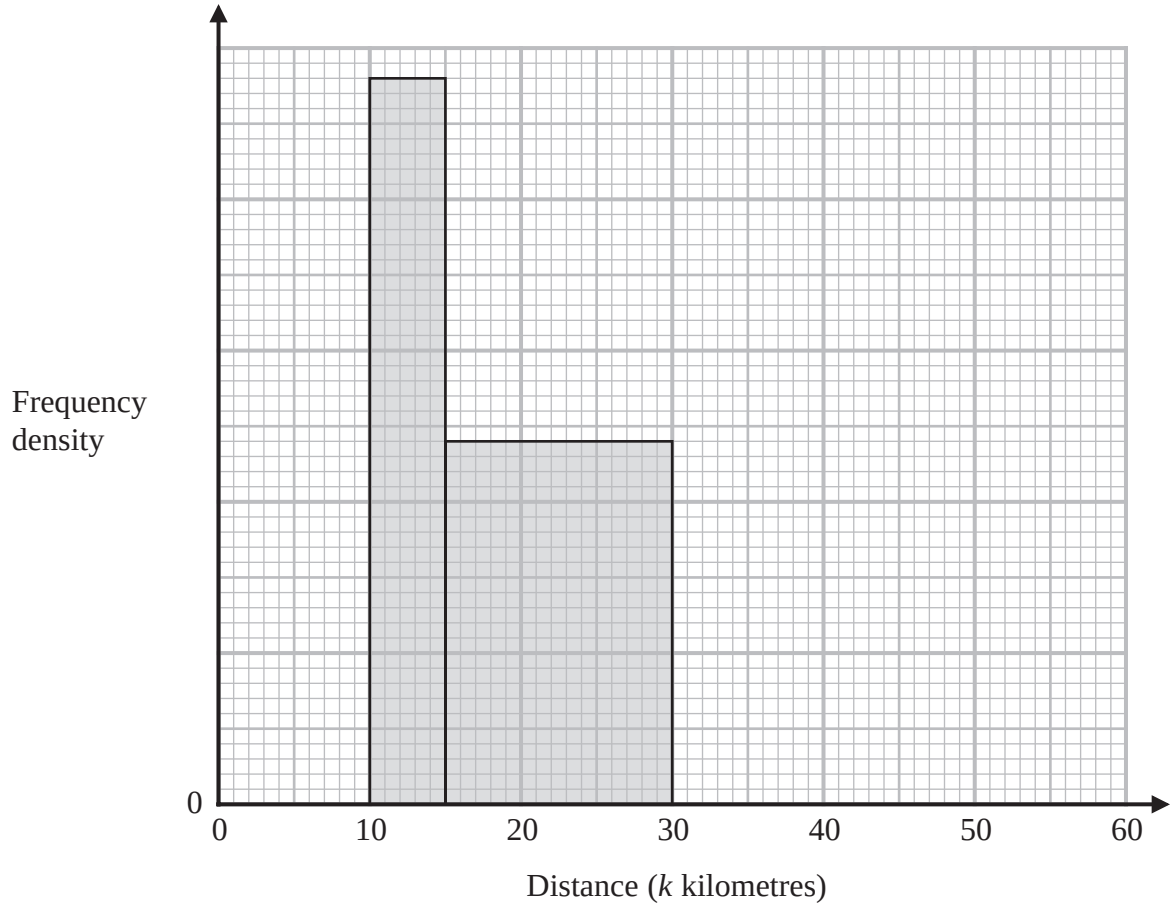
..... minutes

(4)

The incomplete table and the incomplete histogram give information about the number of kilometres each of the 40 people had travelled to get to the shop.

Distance (k kilometres)	Frequency
$0 < k \leqslant 10$	4
$10 < k \leqslant 15$	
$15 < k \leqslant 30$	
$30 < k \leqslant 60$	6

None of the people travelled more than 60 km.



(b) Complete the histogram and the frequency table.

(4)

(Total for Question 26 is 8 marks)

TOTAL FOR PAPER IS 100 MARKS