

Fuel consumption (x km/litre)	Number of cars
$12 < x \leqslant 16$	24
$16 < x \leqslant 18$	22
$18 < x \leqslant 22$	28
$22 < x \leqslant 26$	20
$26 < x \leqslant 32$	6

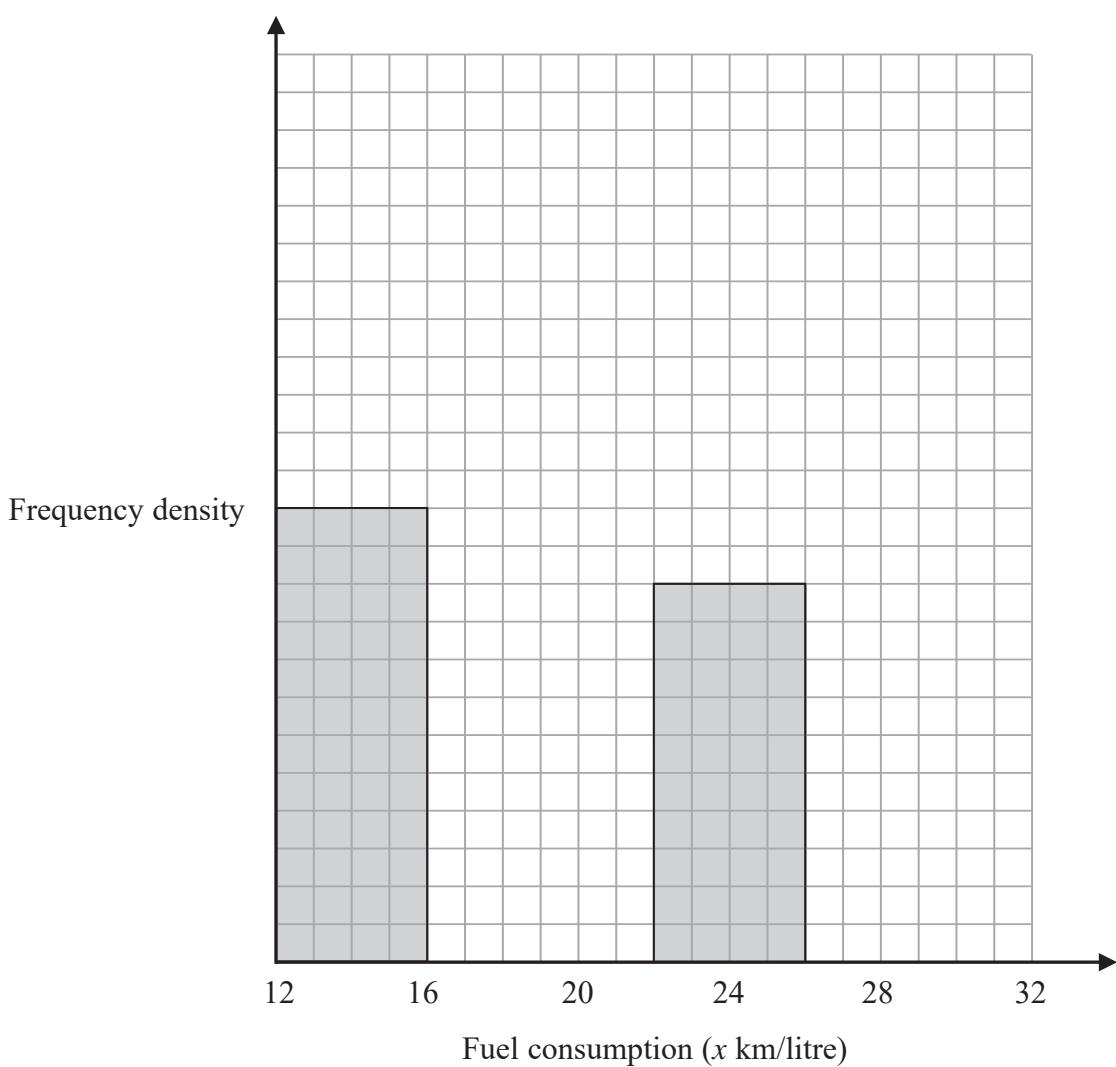
- 6 A fuel consumption test is carried out on 100 cars. The table shows information about the results.

- (a) Calculate an estimate for the mean fuel consumption of the 100 cars. (4)

(b) On the grid opposite, draw a histogram to represent the information in the table.
Two bars have been drawn for you. (3)

(c) Calculate an estimate for the number of the 100 cars that have a fuel consumption of more than 25 km/litre. (2)



Question 6 continued

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



Question 6 continued

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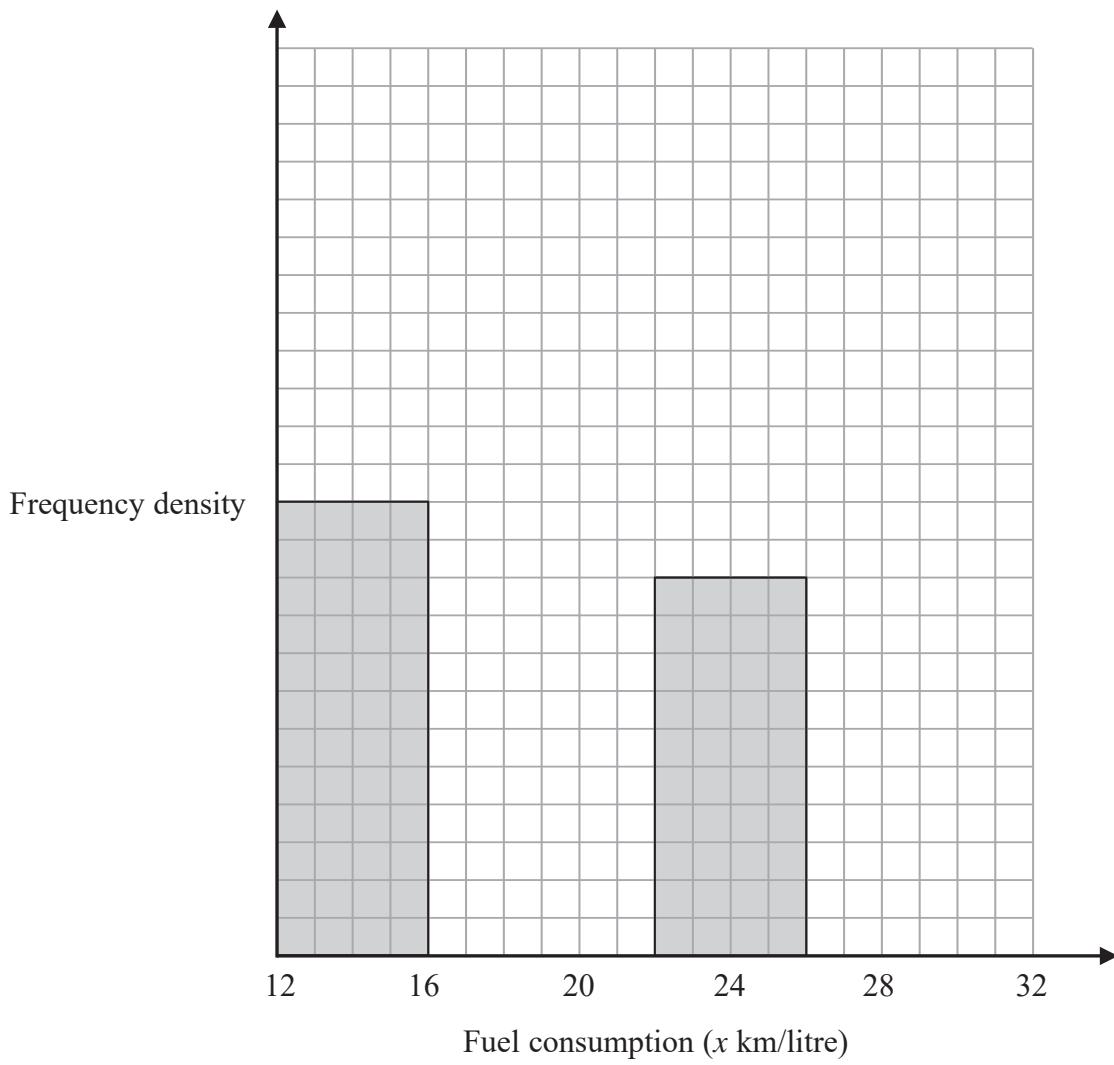
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Question 6 continued

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



(Total for Question 6 is 9 marks)

