11 The table shows information about the times, in minutes, that 80 patients had to wait to see a doctor.

Time (W minutes)	Frequency
$0 < W \leqslant 10$	7
$10 < W \leqslant 20$	10
$20 < W \leqslant 30$	15
$30 < W \leqslant 40$	32
$40 < W \leqslant 50$	16

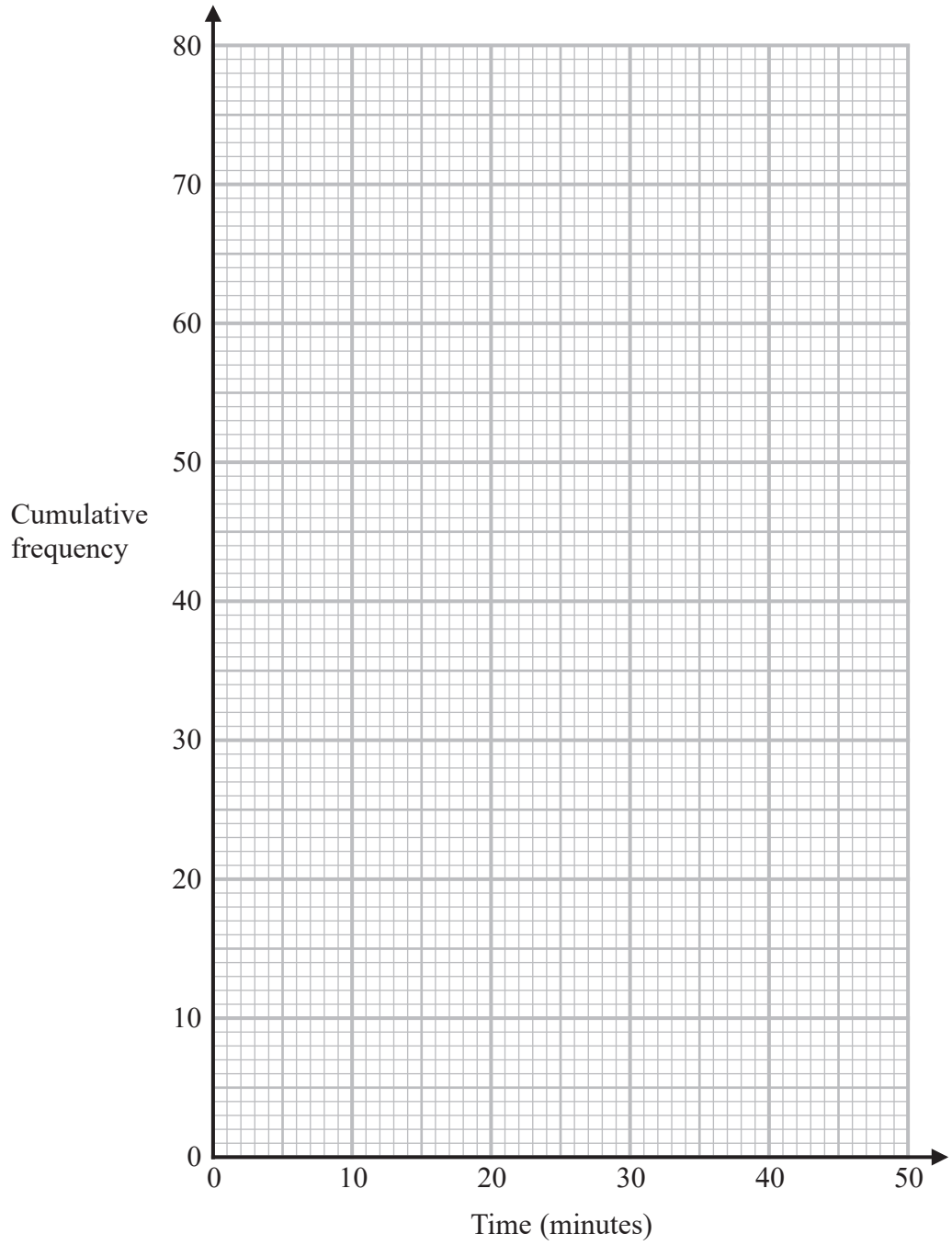
(a) Complete the cumulative frequency table below.

Time (W minutes)	Cumulative frequency
$0 < W \leqslant 10$	
$0 < W \leqslant 20$	
$0 < W \leqslant 30$	
$0 < W \leqslant 40$	
$0 < W \leqslant 50$	

(1)

(b) On the grid opposite, draw a cumulative frequency graph for your table.

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(2)

(c) Use your graph to find an estimate for the median.

..... minutes

(1)

(d) Use your graph to find an estimate for the interquartile range.

..... minutes

(2)

(Total for Question 11 is 6 marks)

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