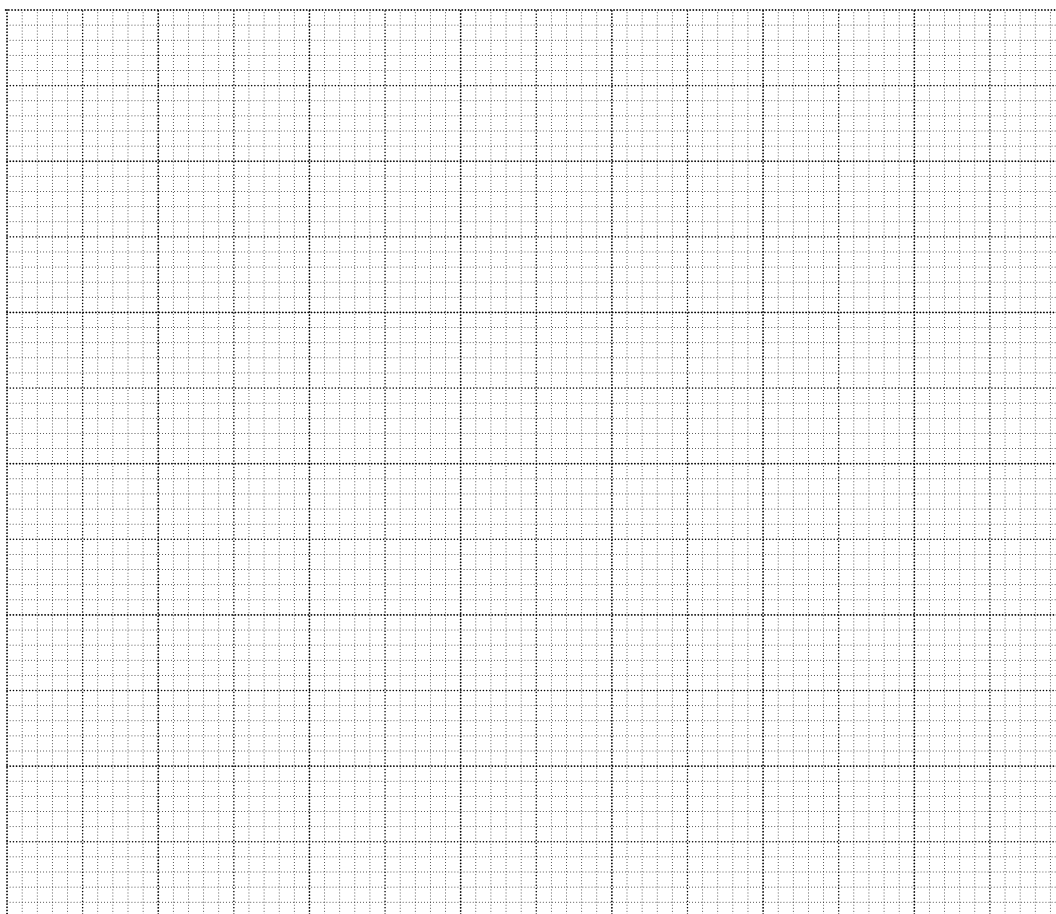


- 2 The time taken by a car to accelerate from 0 to 30 metres per second was measured correct to the nearest second. The results from 48 cars are summarised in the following table.

Time (seconds)	3 – 5	6 – 8	9 – 11	12 – 16	17 – 25
Frequency	10	15	17	4	2

- (i) On the grid, draw a cumulative frequency graph to represent this information.

[3]



- (ii) 35 of these cars accelerated from 0 to 30 metres per second in a time more than t seconds. Estimate the value of t .

[2]

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