3 The speeds, in $\tex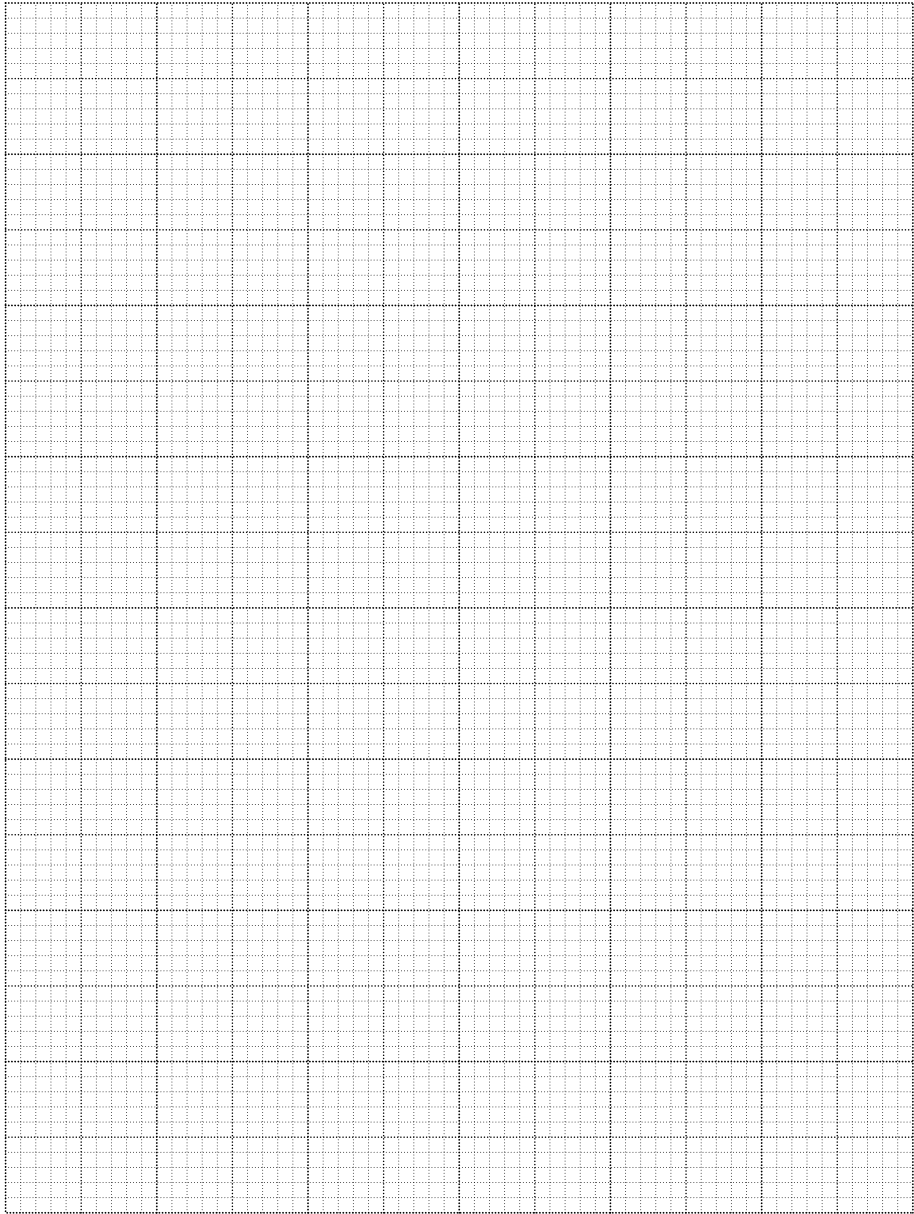t{km h}^{-1}$, of 90 cars as they passed a certain marker on a road were recorded, correct to the nearest km h^{-1}. The results are summarised in the following table.

Speed (km h^{-1})	10 – 29	30 – 39	40 – 49	50 – 59	60 – 89
Frequency	10	24	30	14	12

(i) On the grid, draw a histogram to illustrate the data in the table. [4]

(ii) Calculate an estimate for the mean speed of these 90 cars as they pass the marker. [2]

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