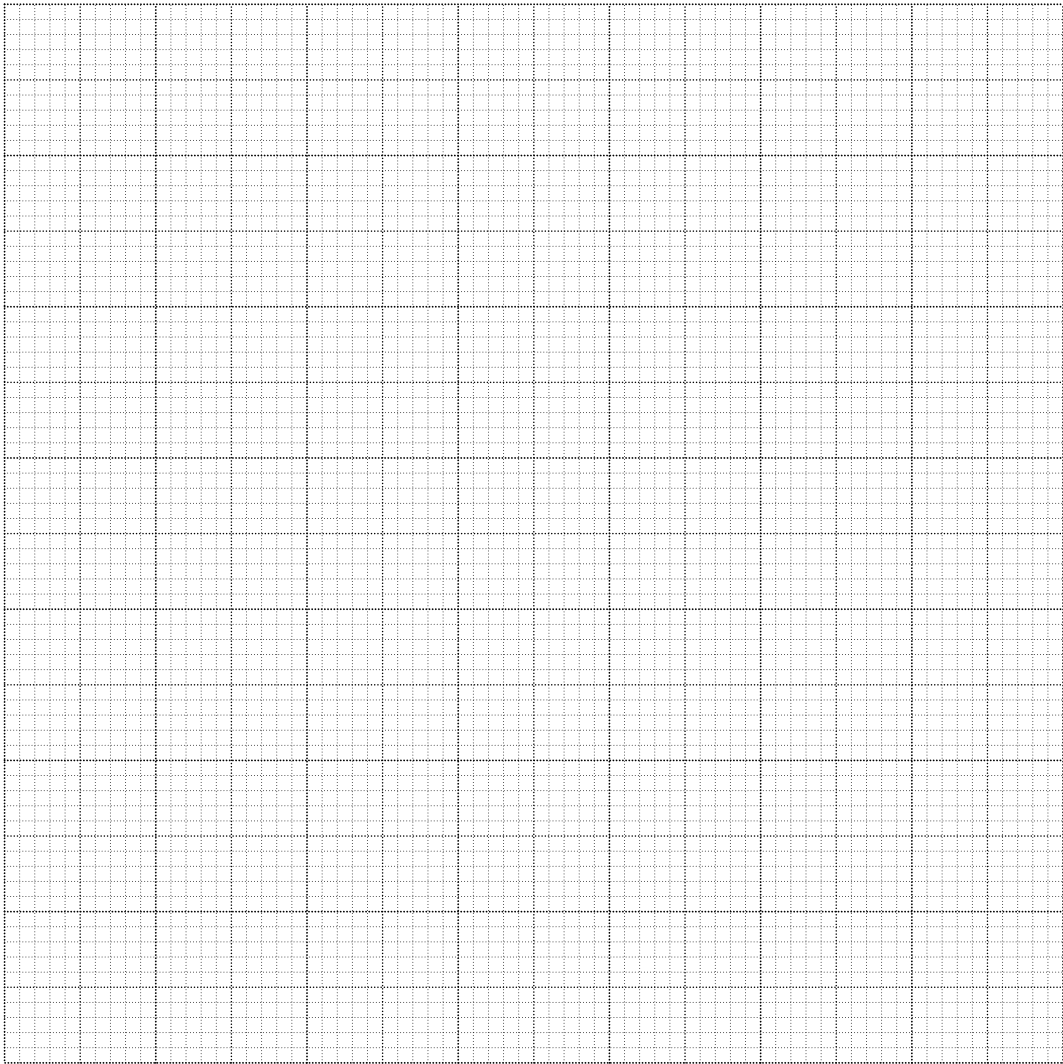


- 6 The daily rainfall, x mm, in a certain village is recorded on 250 consecutive days. The results are summarised in the following cumulative frequency table.

Rainfall, x mm	$x \leq 20$	$x \leq 30$	$x \leq 40$	$x \leq 50$	$x \leq 70$	$x \leq 100$
Cumulative frequency	52	94	142	172	222	250

- (i) On the grid, draw a cumulative frequency graph to illustrate the data. [2]



- (ii) On 100 of the days, the rainfall was k mm or more. Use your graph to estimate the value of k . [2]

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