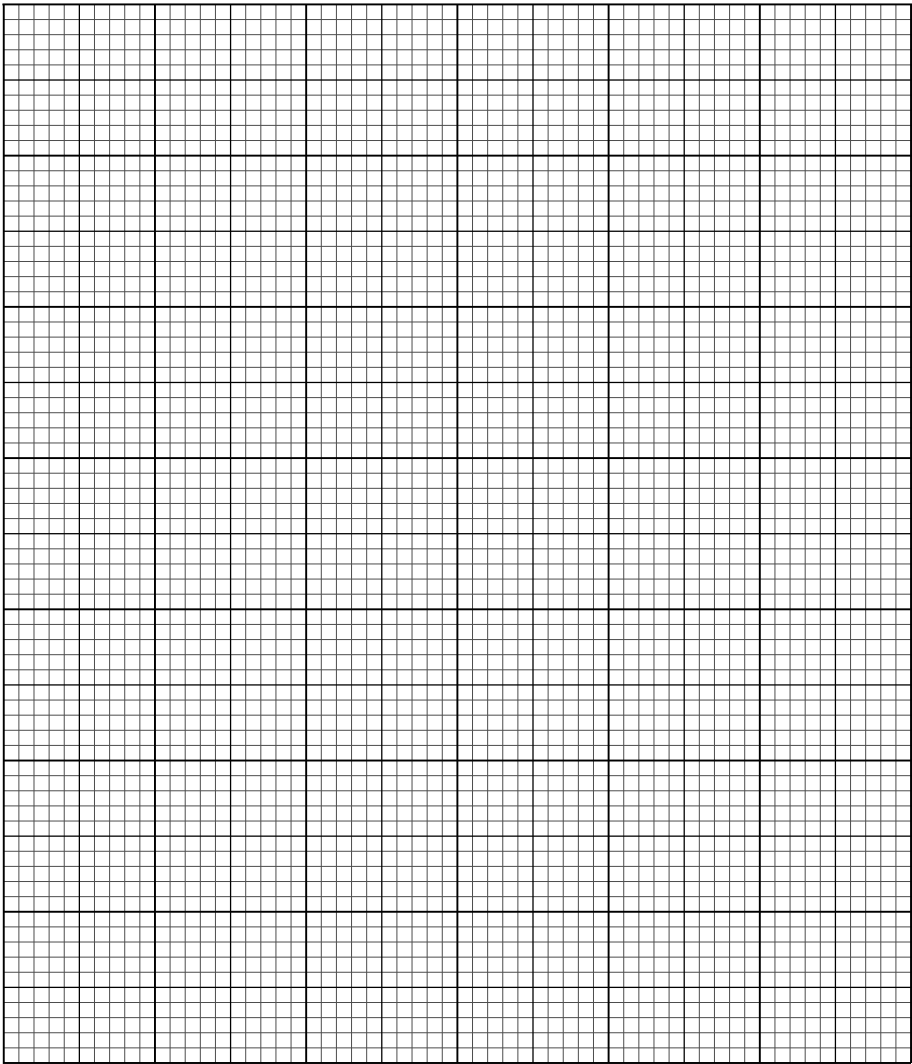


5 The times taken by 200 players to solve a computer puzzle are summarised in the following table.

Time (t seconds)	$0 \leq t < 10$	$10 \leq t < 20$	$20 \leq t < 40$	$40 \leq t < 60$	$60 \leq t < 100$
Number of players	16	54	78	32	20

(a) Draw a histogram to represent this information. [4]



- (b)** Calculate an estimate of the mean time taken by these 200 players. [2]

This image shows a full page of white paper with horizontal dashed lines, typical of primary school handwriting practice paper. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

- (c) Find the greatest possible value of the interquartile range of these times. [2]

[illegible]