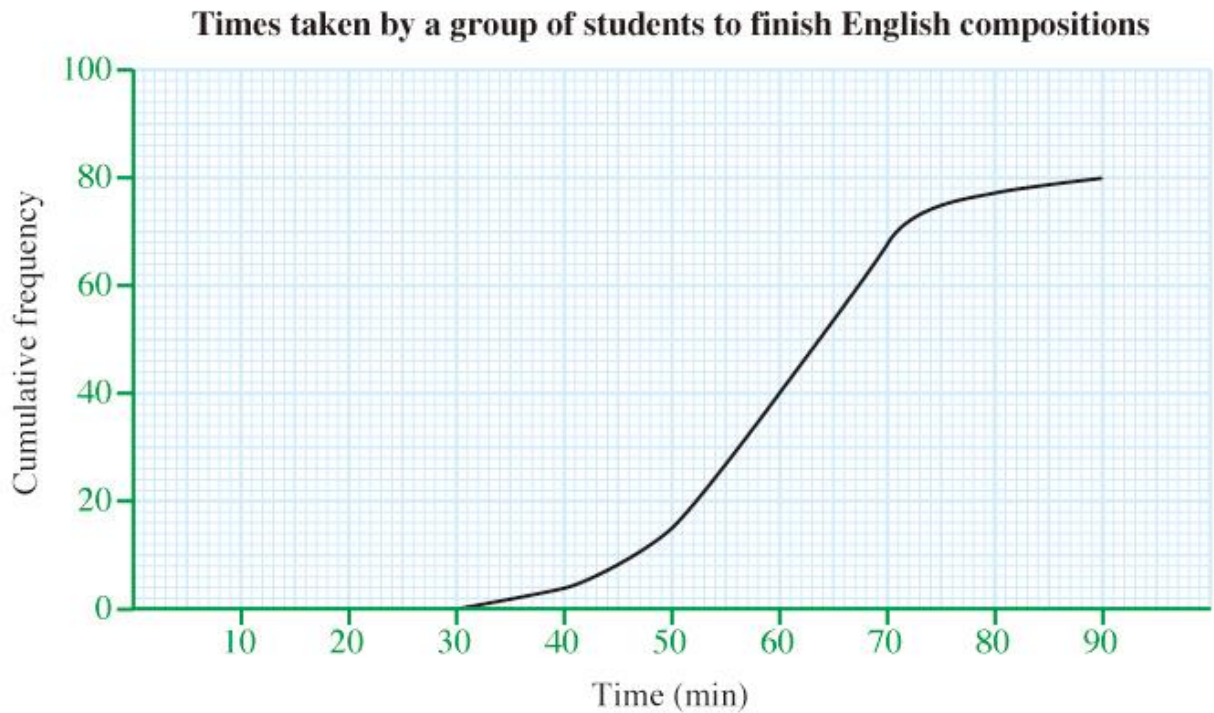


Name: _____ Class: _____ Class No: _____

1. The following cumulative frequency curve shows the distribution of the times (in min) taken by a group of students to finish their English compositions.



- (a) How many students are there in the group?

Answer: There are _____ students.

- (b) Find the median, the upper quartile and the lower quartile of the times taken by the students.

Answer: Median = _____ mins

The upper quartile = _____ mins

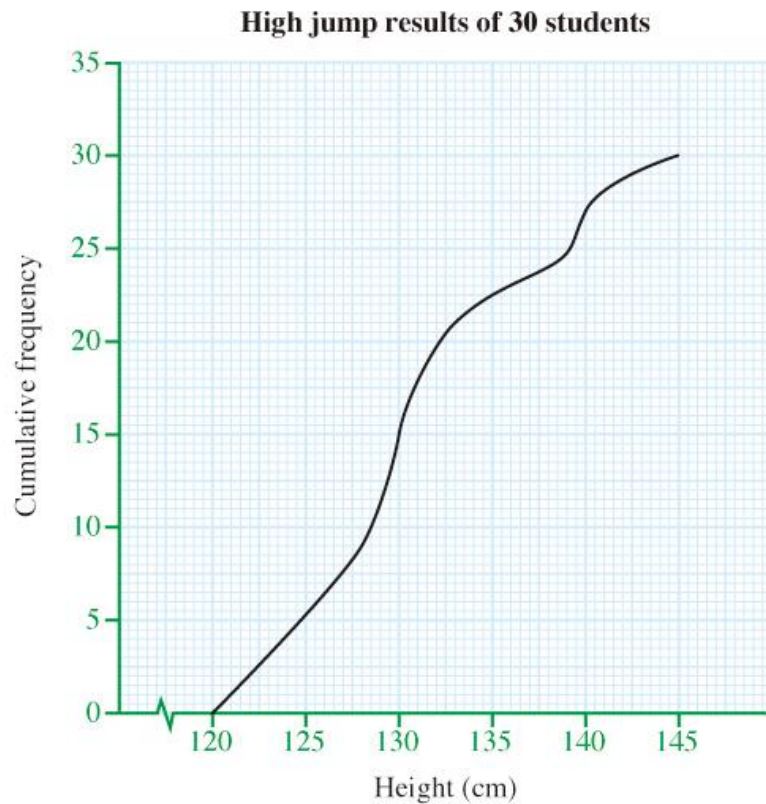
The lower quartile = _____ mins

- (c) If students who take 70 min or more to finish their compositions need to attend a training course, how many students need to attend the training course?

- (d) Find the percentage of students who finish their compositions within 50 min.

- (e) Find the maximum time required by the fastest 10% of the students to finish their compositions.

- 2 The following cumulative frequency curve shows the distribution of the high jump results (in cm) of 30 students.



- (a) Find the median of the high jump results of the students.

Answer: Median = _____ cm

- (b) Find the 30th percentile and the 70th percentile of the high jump results of the students.

Answer: The 30th percentile = _____ cm

The 70th percentile = _____ cm

- (c) Find the percentage of students who jumped at least 140 cm.

- (d) Find the lowest height among the best 20% of the results.