1 The table shows some information about the heights, in cm, of some plants.

Minimum	Lower Quartile	Median	Upper Quartile	Maximum
11	28	37	42	51

Sketch and label a box plot for this information.

(Total for question 1 is 2 marks)

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2 The table shows some information about the weights, in grams, of some potatoes.

Range	Lower Quartile	Median	Upper Quartile	Maximum
101	110	132	162	185

Sketch and label a box plot for this information.

(Total for question 2 is 2 marks

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3 The times, in seconds, of 15 students running a race are recorded below.

52 54 54 55 58 58 59 60 60 61 61 64 67 70 75

Sketch and label a box plot for this information.

(Total for question 3 is 2 marks)

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4 The weights of 11 pigs, in kg, are recorded below.

48 55 59 65 69 69 72 74 80 81 91

Sketch and label a box plot for this information.

(Total for question 4 is 2 marks)

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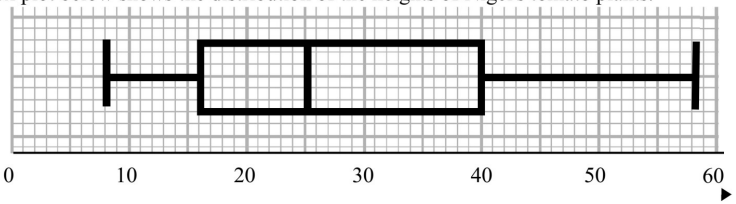
5 The table shows some information about the heights, in cm, of tomato plants in Maggie's garden.

Minimum	Lower Quartile	Median	Upper Quartile	Maximum
12	27	35	42	55

(a) Sketch and label a box plot for this information. (2)

There are also tomato plants in Nigel's garden.
The box plot below shows the distribution of the heights of Nigel's tomato plants.



Height (cm)

(b) Compare the distribution of the heights of Maggie's plants with the distribution of height of Nigel's plants.

(2)

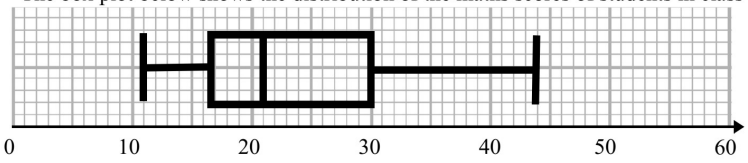
(Total for question 5 is 4 marks)

6 The table shows some information about the maths scores of students in class A.

Minimum	Lower Quartile	Median	Upper Quartile	Maximum
9	15	19	31	43

(a) Sketch and label a box plot for this information. (2)

The box plot below shows the distribution of the maths scores of students in class B.



Maths Score

(b) Compare the distribution of the maths scores of students in class A and class B.

(2)

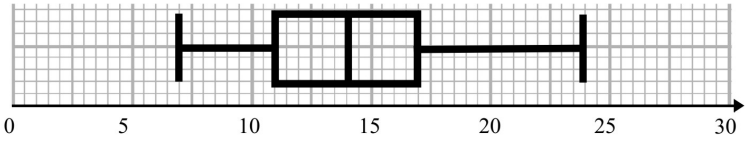
(Total for question 6 is 4 marks)

7 The table shows some information about times, in minutes, it took some boys to complete a puzzle.

Inter Quartile Range	Minimum	Median	Upper Quartile	Maximum
8	12	18	23	29

(a) Sketch and label a box plot for this information. (2)

Some girls also completed the puzzle.
The box plot below shows the distribution of times the girls took to complete the puzzle.



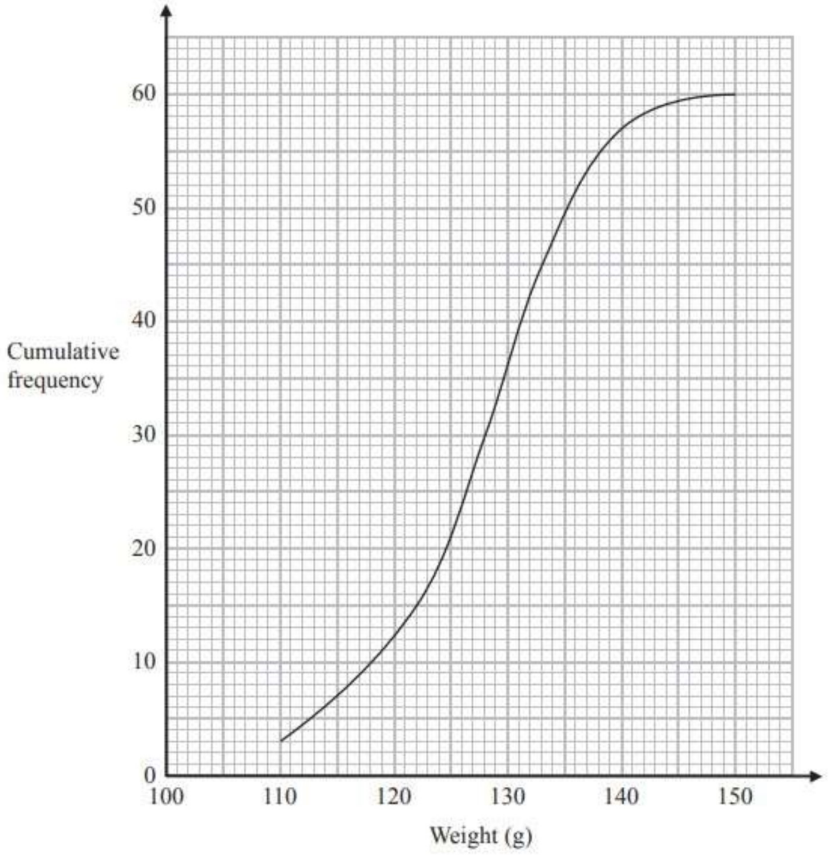
Time (minutes)

(b) Compare the distribution of girls' times and the boys' times.

(2)

(Total for question 7 is 4 marks)

8 The cumulative frequency graph shows the weight, in grams, of 60 pears.

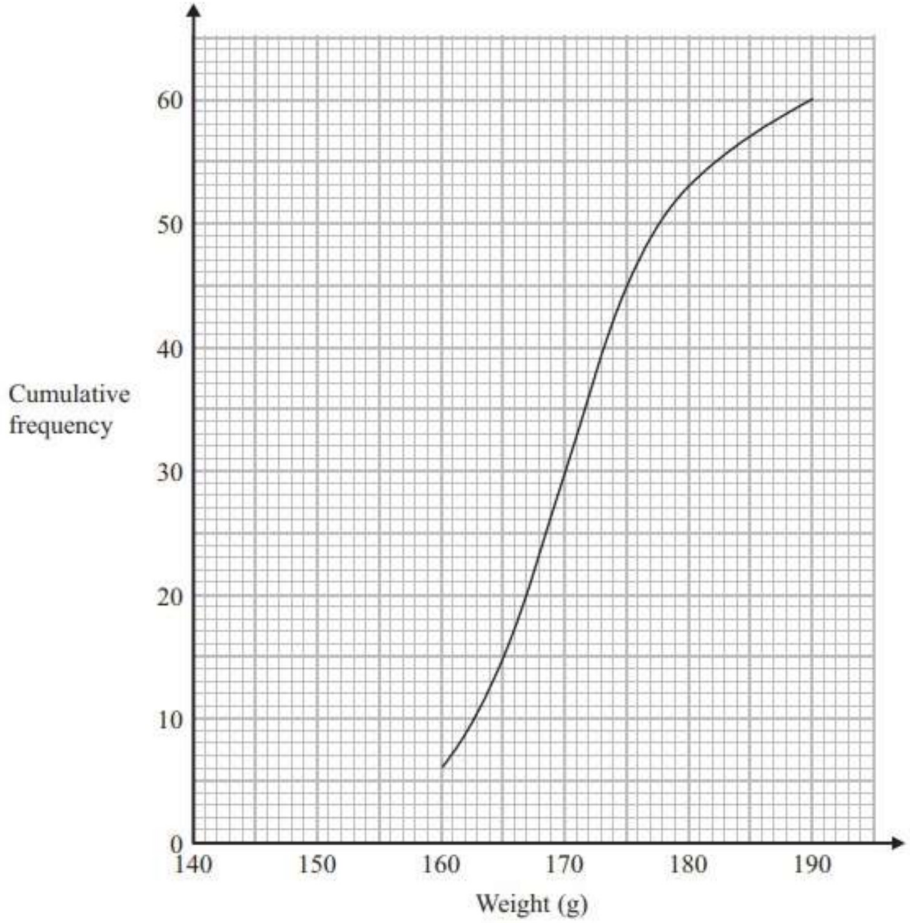


The 60 pears had a minimum weight of 112 grams and a maximum weight of 149 grams.

Sketch and label a box plot to show the distribution of the weights of the pears.

(Total for question 8 is 3 marks)

9 The cumulative frequency graph shows the weight, in grams, of 60 apples.



The apples had a minimum weight of 163 grams and a maximum weight of 188 grams.

Sketch and label a box plot to show the distribution of the weights of the apples.

(Total for question 9 is 3 marks)