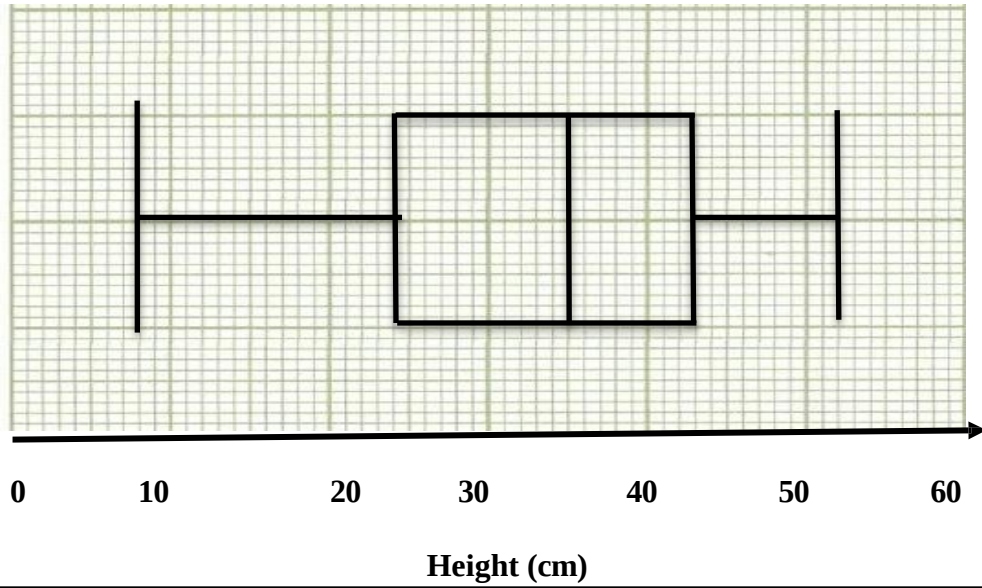


Answers Sheet

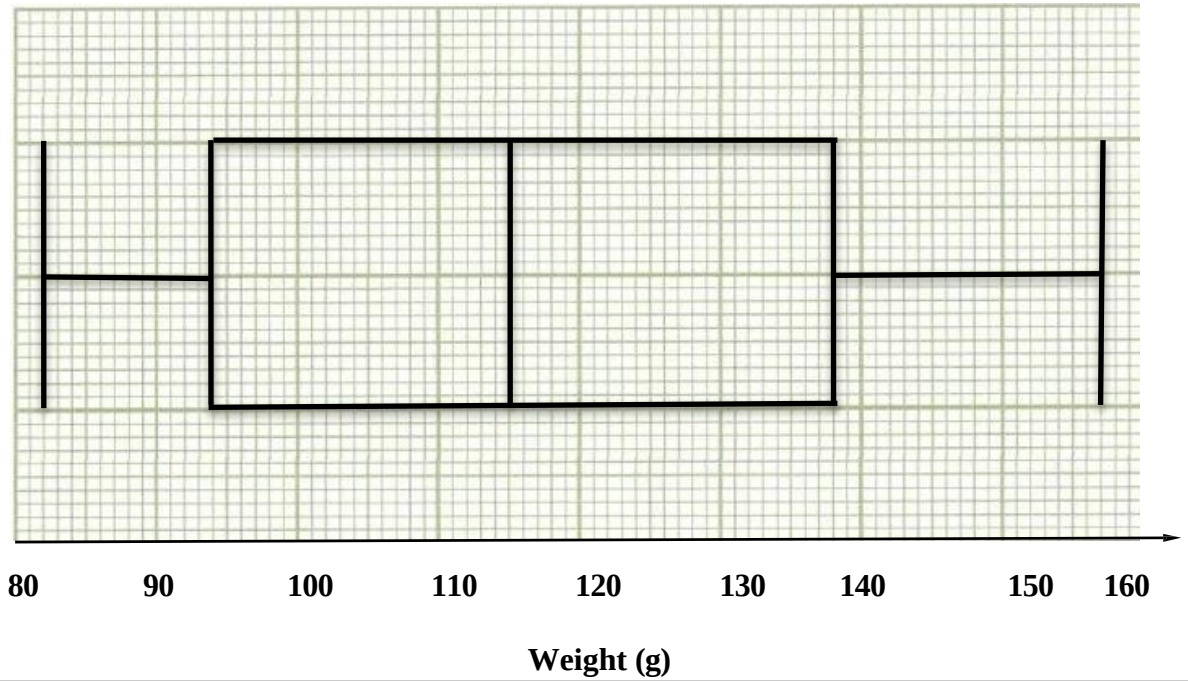
Box Plots

1.



2.

$$\text{Minimum} = 157 - 75 = 82$$



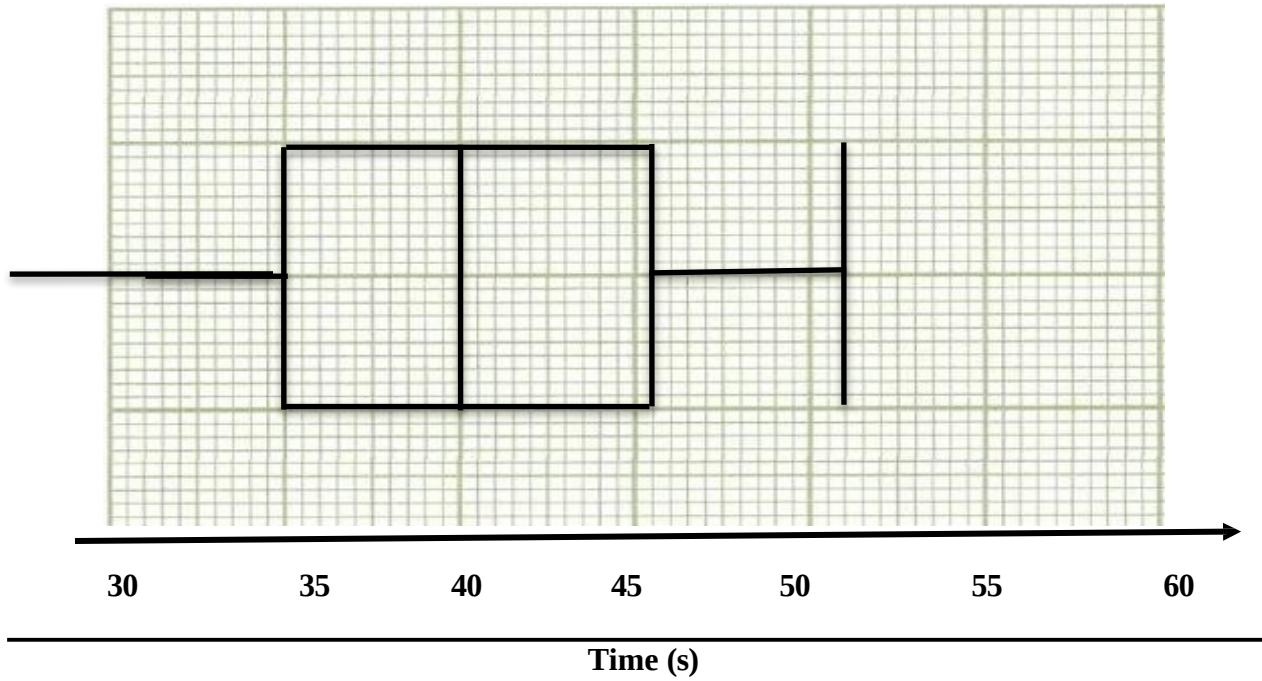
3.

32 34 35 38 38 39 40 40 41 41 44 46 46 49 52

Median = 40

Lower Quartile = 35

Upper Quartile = 46



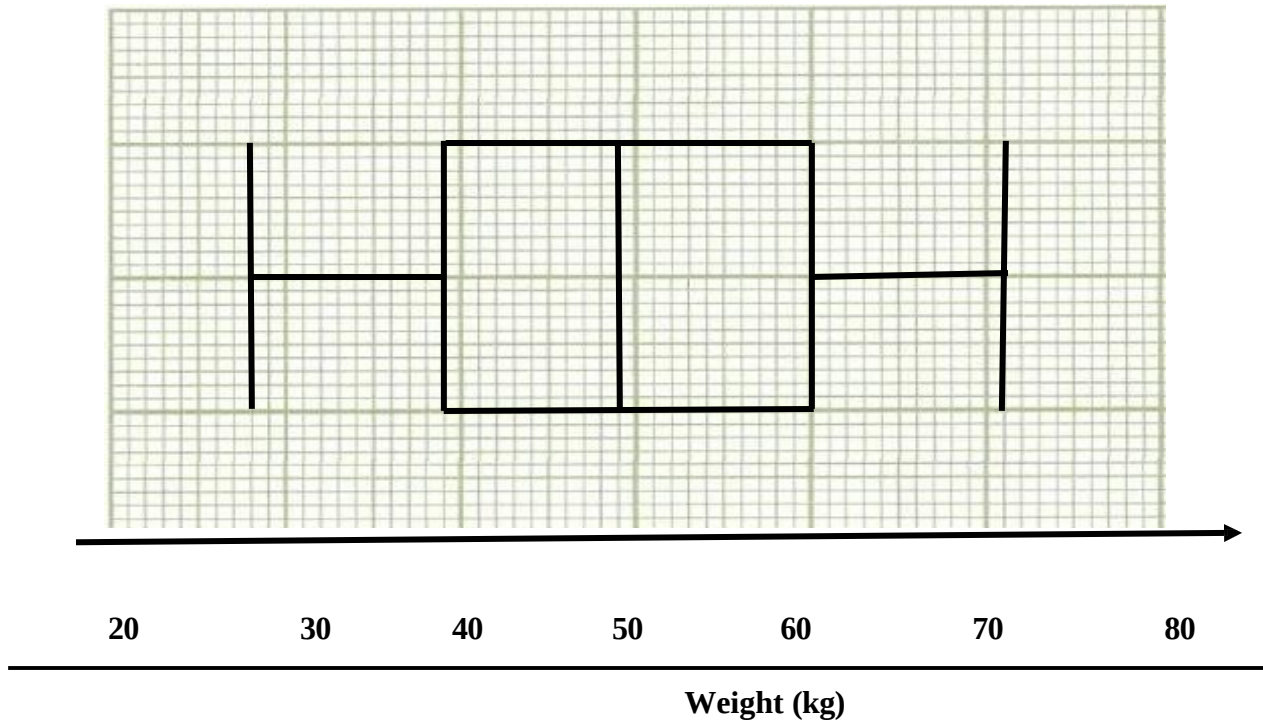
4.

28 35 39 45 49 49 52 54 60 61 71

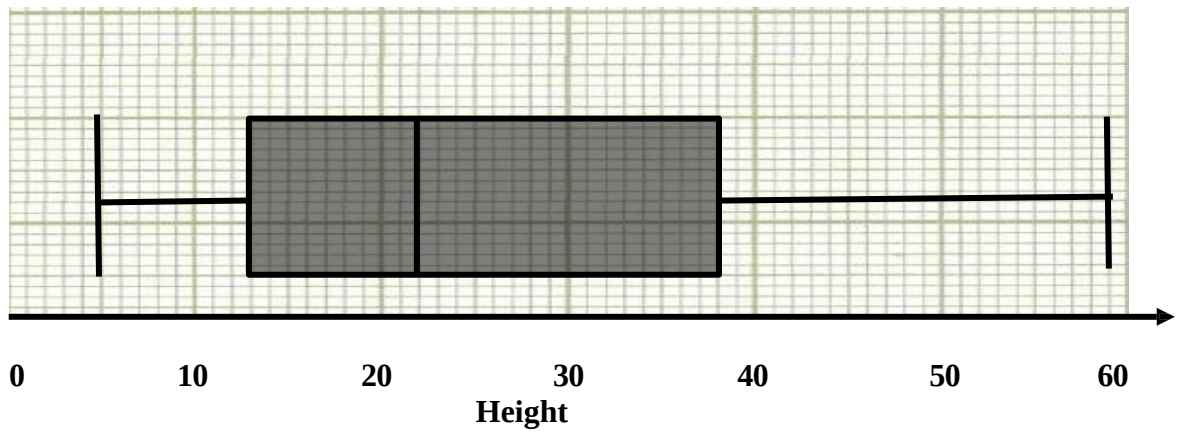
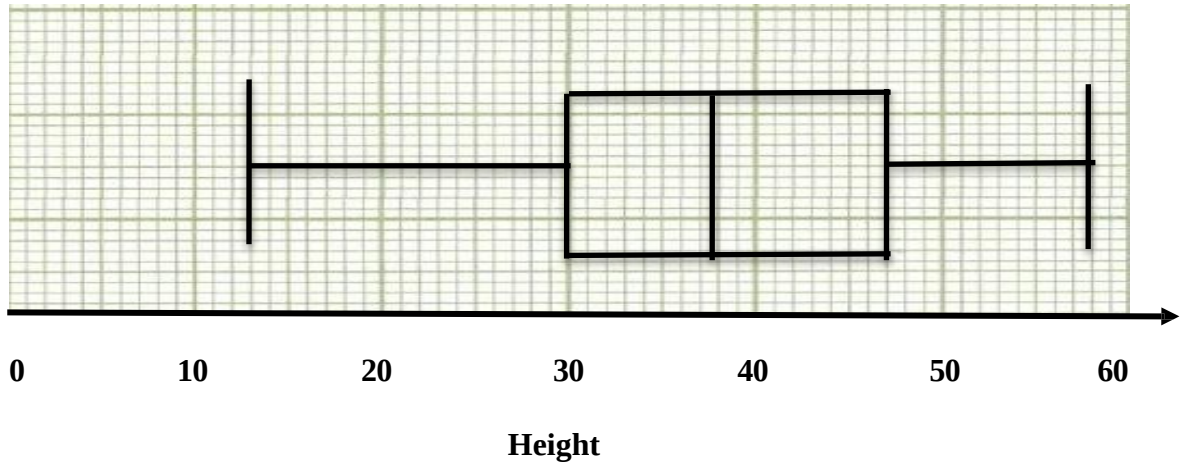
Median = 49

Lower Quartile = 39

Upper Quartile = 60



5.
a)

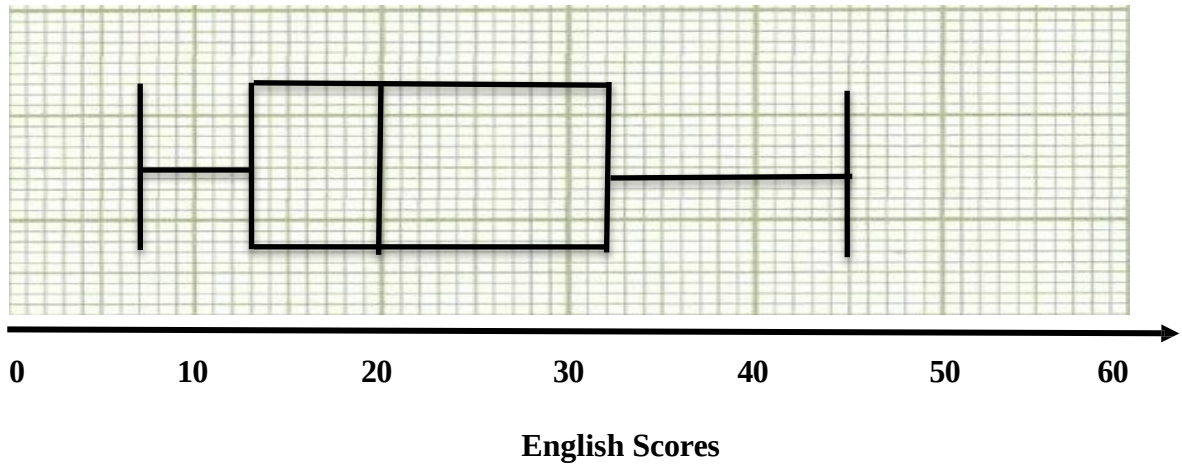


b) The median height of Zohaib's potatoes is greater on average they are taller.

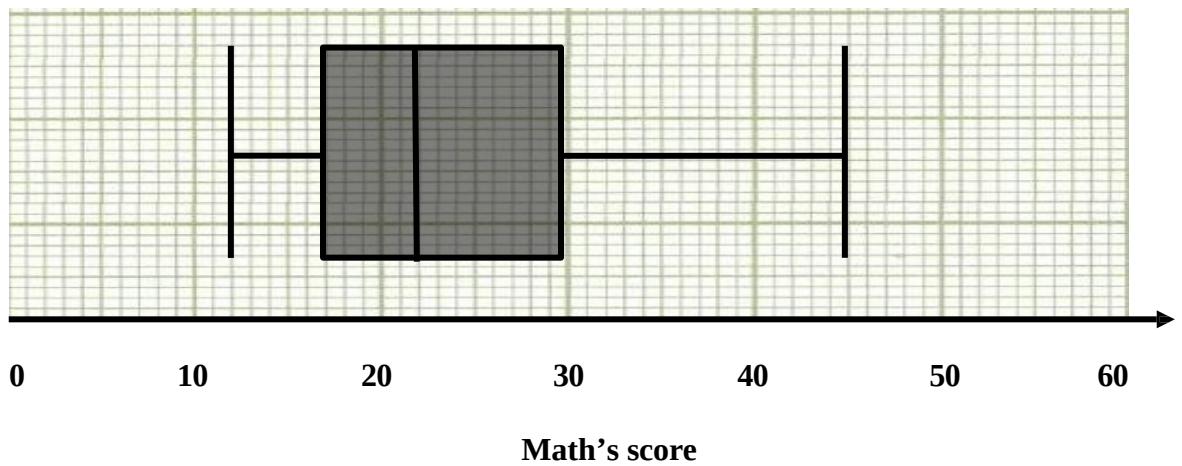
The inter quartile range of Zohaib's potatoes is less they are less spread out.

6.

a)



b)



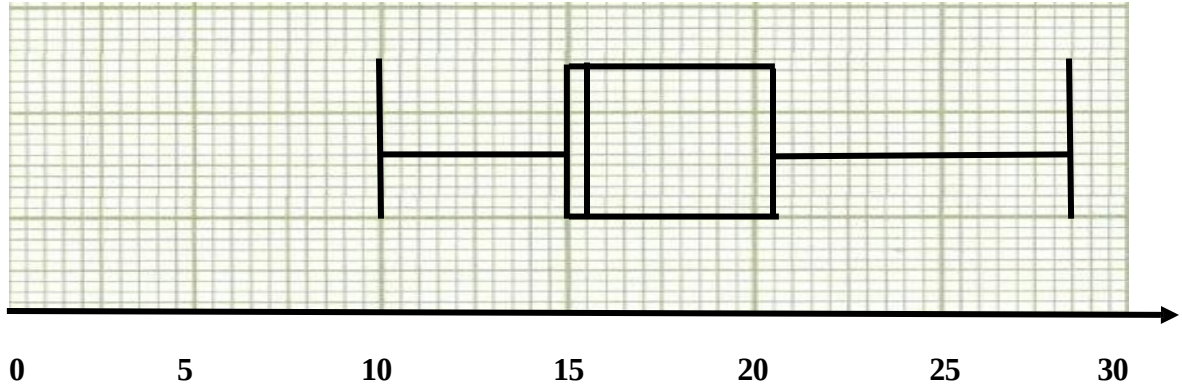
The median of Math's score is greater on average. They did better in Maths.
The inter quartile range of Math's score is lower. Their scores are less spread out.

7.

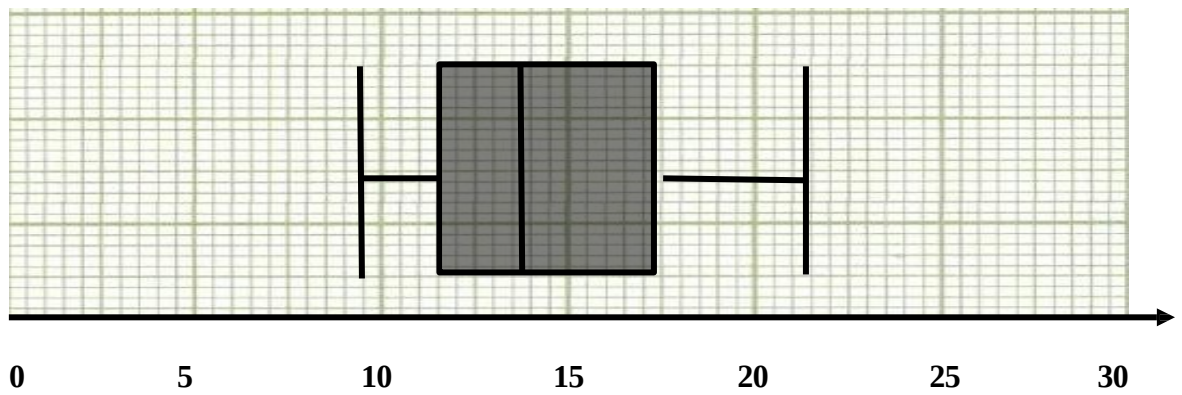
Inter Quartile = Upper Quartile – Lower Quartile

Lower Quartile = U.Q – I.Q

$$= 21 - 6 = 15$$



Time (minutes) for Boys

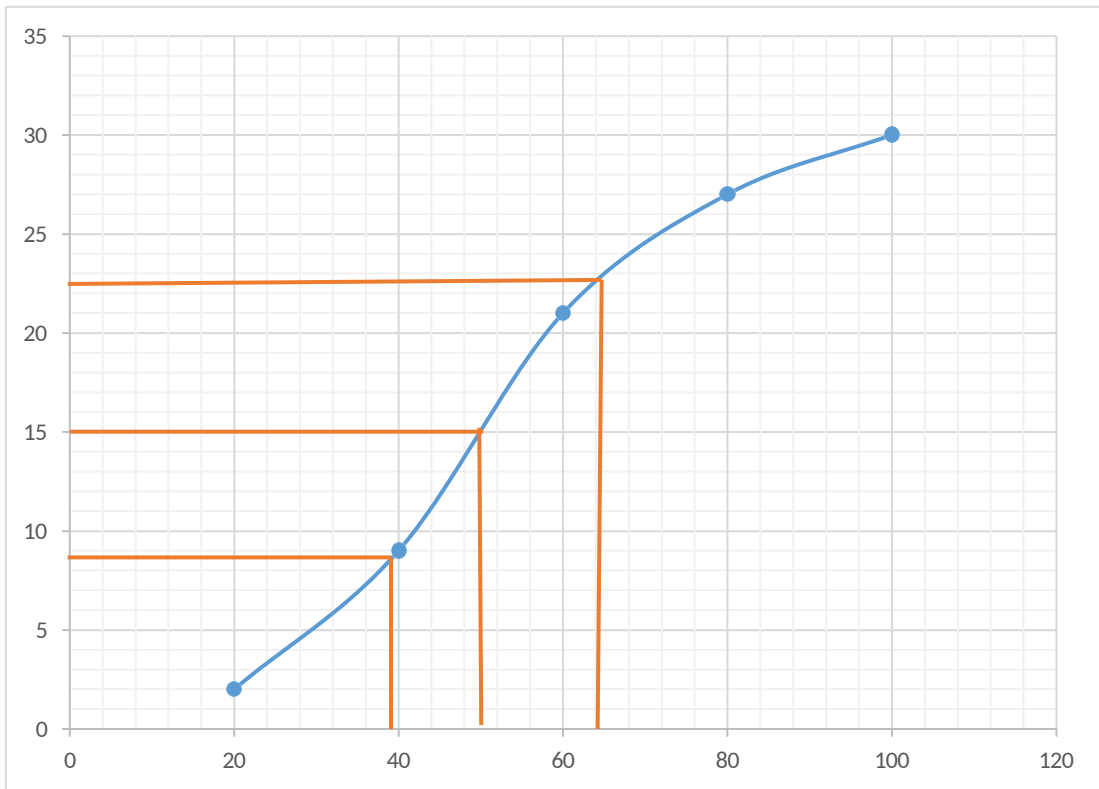


Time (minutes) for Girls

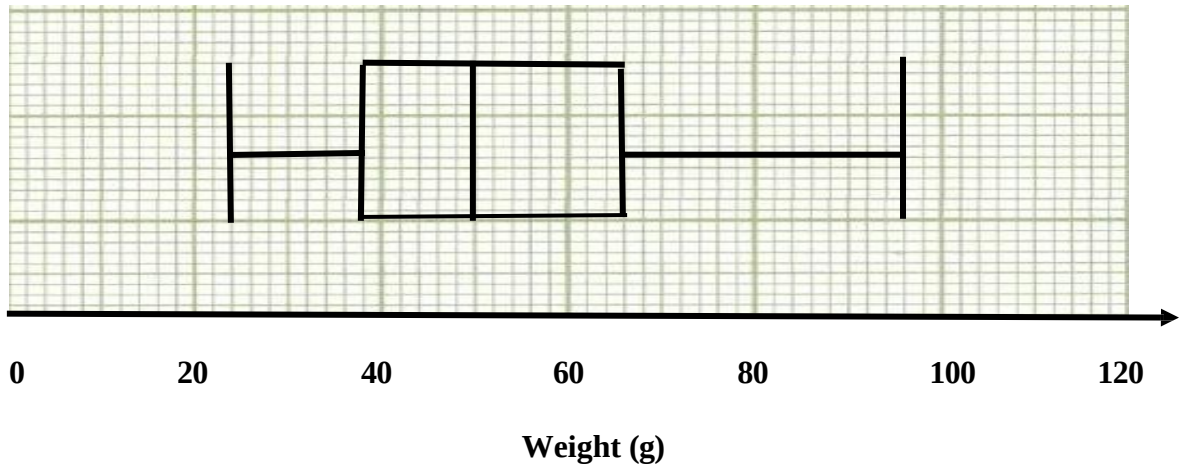
The median for the boys is greater on average. It took them longer to complete the puzzle.

The inter quartile range for the girls is lower. Their times were less spread out.

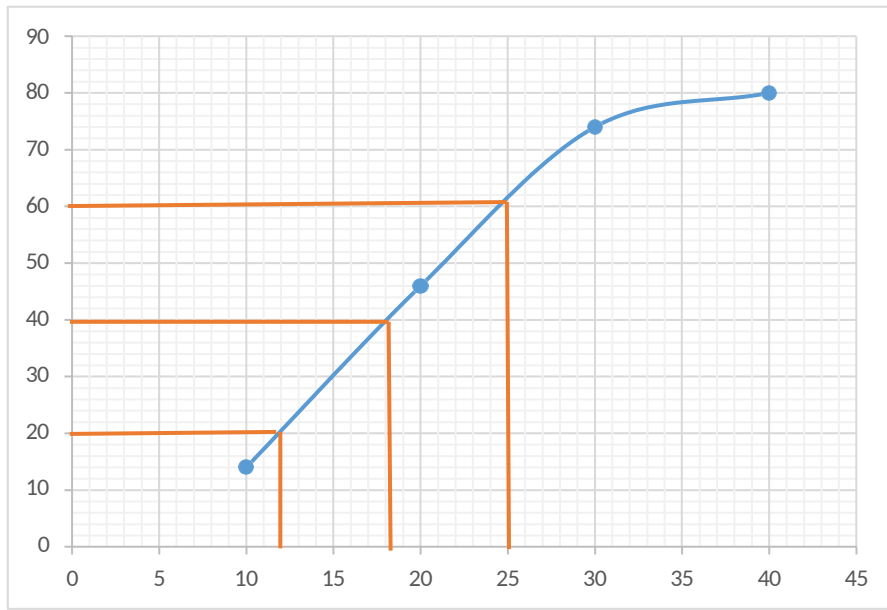
8.



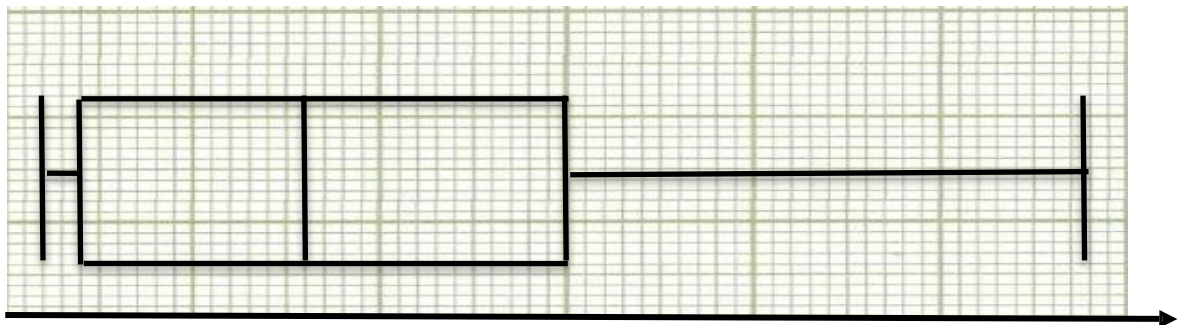
39 50 64



9.



12 18 25



10 15 20 25 30 35 40

Weight (kg)