

The box plot represents the distribution of the speeds, in km/h of vehicles on a road during the daytime.



This box plot represents the distribution of the speeds, in km/h, of vehicles on the same road at night.





Four students Adil, Dev, Freddie and Shane, each kept a record of their scores at cricket one season.

The table summarises Adil's scores.

	Score	
Lowest	10	
Lower quartile	24	
Median	40	
Upper quartile	60	
Highest	110	

(a) Draw a box plot to summarise Adil's scores.



(2)

The box plot summarises Dev's scores.





Here is some information about waiting times, in minutes at a school canteen.

Minimum	Lower Quartile	Median	Upper Quartile	Maximum
0	2.2	4.2	7.6	9.5

Draw a box plot to show this information.



A new queuing system is introduced. The box plot shows information about waiting times with the new system.



(2)



Here are the times, in seconds that 15 people waited to be served at Rose's garden centre.

 \checkmark _ υâ median LQ.

On the grid, draw a box plot for this information.





All the students in Mathstown School had a test.







| like to write the median, LQ and UQ everytime... lalso work out the IQR too

The box plot gives information about the distribution of the weights of bags on a plane.



There are 240 bags on the plane.

(d) Work out the number of bags with a weight of 10 kg or less.

$$\frac{1}{4}$$
 of 240 = 60 bags (2)