Mean

Find the mean of the following set of numbers: 3, 3, 5, 6, 6, 4, 3, 7, 8, 9 Add the numbers and divide by the number of numbers.



Find the median and interquartile range of the curve below.



To find the **median**, we go to the midway point of y axis draw a line across to hit our curve and bring this vertically down to read the value of the x axis.

The inter-quartile range = $Q_3 - Q_1$

 Q_1 is found by going a quarter of the way up

the y axis, drawing a line across to hit our curve and bring this vertically down to read the value of the x axis.

 Q_2 is found by going a three quarters of the

way up the y axis, drawing a line across to hit our curve and bring this vertically down to read the value of the x axis.

<u>Cumulative Frequency Curve/ Ogive</u> Draw a cumulative frequency curve from the table below.							
Amount	<10	<20	<30	<40	<50		
savea							
Students	10	32	58	74	80		
The top of the table goes on the bottom of the graph. The curve will always rise starting at 0 and rising from left to right.							

Mode

Find the mode of the following set of numbers: 3, 3, 5, 6, 6, 4, 3, 7, 8, 9 It is the value that occurs most often.



Mins

Median

Find the median of the following set of

It is the middle value of a set of numbers if

numbers: 3, 3, 5, 6, 6, 4, 3, 7, 8, 9

Cumulative Frequency Table								
Complete th	e table be	elow.						
Amount saved	0-10	10-20	20-30	30-40	40-50			
Students	10	22	26	16	6			
Amount saved	<10	<20	<30	<40	<50			
Students								

A cumulative frequency table differs from a normal table in that we have a running total of the values as the intervals increase.

People Draw the above in a histogram.

5-15

10

The top of the table goes on the bottom of the histogram.

When the class intervals are equal the histogram is just like a bar chart. If the class intervals are unequal in measure the widths of the columns will change and the height is found by dividing by the base unit width. A base unit of 1 is given to the smallest gap.

15-25

50

25-45

80