

STATISTICAL MEASURES

Name:

Assessment Criteria: Understand and use the mean of discrete data and compare two simple distributions, using the range and one of mode, median or mean

1. Find the mean, mode, median and range for the following sets of data:

	Mean	Median	Mode	Range
2, 3, 5, 7, 8, 8, 9				
5, 2, 10, 6, 5, 5				

2. Bob scores the following runs in eight consecutive cricket matches:

27, 68, 49, 0, 5, 77, 79, 55

(a) Find Bob's mean score

(b) Find the range of Bob's scores

(c) Alan has a mean score of 44 and a range of 20. Which batsman would you pick and why?

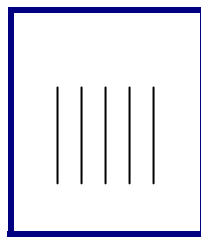
3. The heights of three five-a-side football teams are recorded, then their medians and ranges are written down as follows:

Team A: Median = 1.6m Range = 0.1m

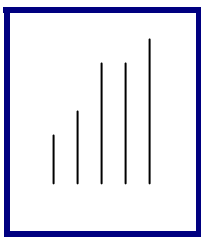
Team B: Median = 1.8m Range = 0.4m

Team C: Median = 1.7m Range = 0m

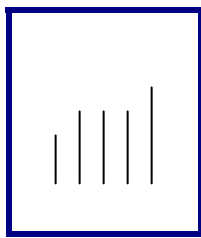
Label each picture to the team that you think it represents



Team__



Team__



Team__

Overall, I think my success level is:

Low High

Q	STATISTICAL MEASURES	😊	☹️
	I can find the mean of a list of numbers		
	I can find the median of a list of numbers		
	I can find the mode of a list of numbers		
	I can find the range of a list of numbers		
	I can find and compare averages in a real-life situation		
	I can use averages to compare distributions		
	<i>I can draw simple conclusions of my own and give an explanation of my reasoning</i>		

I need to practise ...