6th Grade Math

Statistics Summative Review

1) Tell whether the following questions are statistical (s) or non-statistical (n) questions.

How many sa	andwich sh	ops are on S	OM Center F	Road?	. 1 - n
What are the	favorite m	ovies of stude	ents in 6 pe	my itsean	h! <u>S</u>
What are the	weights of	all students	on the Dream	team?	inshers! 5
Who are the	· LAN W	reign 4	MILEL 6	lata	n
	· only	Spaific	answers	CON Prove	

2) Circle the questions above that would have responses which are considered categorical data.

3) Find the mean, median, mode, and range of the following set of numbers:

24, 10, 25, 10, 33, 18

**Put Data in order:

Mean:
$$20$$
 **mean 10 , 10 (18, 12 +), 10 ** median: 10 ** median: 10 ** median: 10 ** median: 10 ** 10

4) Mrs. Trentanelli gave four Social Studies tests this quarter. She accidently lost one of Kari's tests. She knows that Kari had a mean score of 80 and received scores of 75, 85, and 90 on three of her tests. What is the missing test score? Show or explain how you found your answer.

$$(75+8b+90+x)=80$$
 $(75+8b+90+x)=80$
 $(75+8b+10+x)=80$
 $(75+8b+10+$

5) Divide the following data that represents the scoring by Cavs players in the last playoff game into 4 intervals.

2, 25, 7, 0, 14, 39, 8, 4, 17, 11, 32, 19, 4, 6,

18 values33, 20, 5, 3,

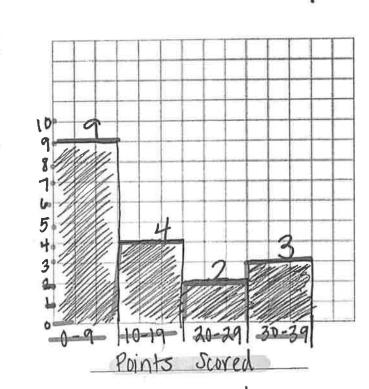
-requency - Name

Points Scored	Tally	Frequerty	5
(10 Valves)	1111	91	
10-19	1111	4	
20-29	н	3	
30-39	III	3	

18

0,2,3,4,4,5,6,7,8,11,14,17,19,20,25,32,33,39 Use the data above to create a histogram.

Cars Scores in Playoff Game

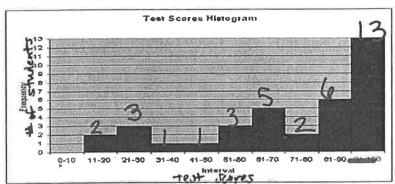


Histograms are not very Precise!

* X-axis shows the ranges of points. The squares are shaded to show data. The range intervals do not equal the square size.

* y-axis shows frequency. Labels is bould be at the intersect of the Mayfield City Schools 6th Grade Math PLC line.

6) The histogram to the right shows the test scores from the last summative.



What cannot be determined by this data?

- a) The total number of test scores
- b) The highest test score We KNDW Number of test scores 71 or higher 2 d) Number of test scores 60 or lower 0

between 91-100, but cannot tell precisely the score!

