

Exploring the World of Math

Name: _____ Date: _____

1. We gave a 20 question statistics quiz on Monday to 30 students. The table below shows the results. Create a frequency table and a bar chart for the data.

14	17	20	14	19	11	13	10	16	19
6	10	14	13	7	11	8	9	10	11
9	14	19	19	14	19	17	19	10	8

Frequency Table

Bar Chart

2. What is the percentage of individuals that scored 15 and above?
3. What is the percentage of individuals that scored 10 and below?
4. What is the range of the data in the above table?

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5. We have collected data on our averages after two weeks in music class. There are 30 people in the class. Order the data from smallest to largest. Find the mean, median, mode and range for the data.

70	85	100	70	95	60	65	50	80	95
30	50	70	85	55	70	40	45	50	55
45	70	95	95	70	95	85	95	50	40

a. Smallest to largest

b. Determine the mean

c. Determine the median

d. Determine the mode

e. Determine the range

6. Create a pie graph for the following data.

SUV	Sportscar	Sedan	Truck	SUV	Sedan	Truck	Sportscar
Sedan	Truck	SUV	Sportscar	Truck	Sedan	Motorcycle	SUV
Truck	Sedan	Motorcycle	SUV	Sportscar	Sportscar	Sedan	Truck
Sedan	SUV	Truck	Sedan	Sedan	Truck	Sedan	Sedan

Position	Tally	Total	Percentage

