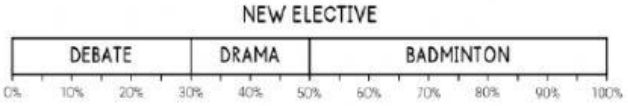
Name: _____

Summarizing Categorical Data:

Morton Middle School took a survey to determine which new elective should be added to the class offerings. The results are shown below.



a. What percent of students chose debate? ____ Drama? ____ Badminton? ____

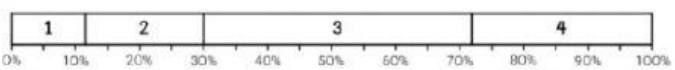
b. If 300 students were surveyed, then how many chose drama?

c. If 300 students were surveyed, then how many chose badminton?

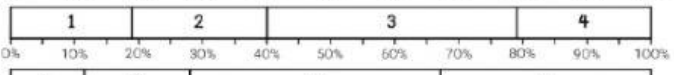
A survey of residents in Wolf Creek Estates asked them to rate their satisfaction with the city running trails on a scale of 1-4. The results are shown below. Which percentage bar graph best represents the data?

	1	2	3	4
NUMBER OF PEOPLE	18	27	63	42

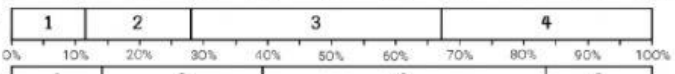
A



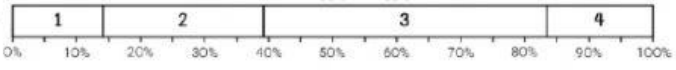
B.



C.

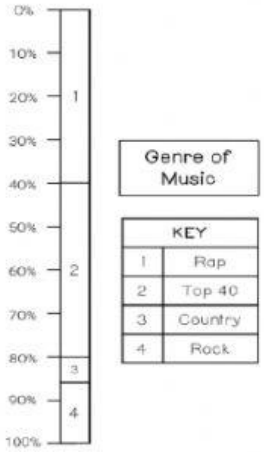


D.



Answer Here:

A survey asked 180 people to select their favorite genre of music. Use the results in the percent bar graph to complete the table and answer the questions below.



Genre of Music

KEY	
1	Rap
2	Top 40
3	Country
4	Rock

Genre	Number of People
Rap	72
Top 40	
Country	9
Rock	27

a. How many more people selected rap music than rock music?

b. How many more people selected Top 40 music than country music?

Which situation does NOT represent variable data?

Answer Here:

A The number of people who attended the movie premiere on Saturday.

B The number of cars that passed through a red light each week

C The length of the longest river in Texas

D The number of cupcakes sold at a bakery each day

LIVEWORKSHEETS