
Statistical Experiments

Name _____

The student council members would like to sponsor a "Fun Night" at school but are not sure what night to schedule it or whether or not the students would want one. They decided to run a survey in the school newspaper to collect data.

The results are:

Good idea195
Bad idea30
Monday evening10
Tuesday evening17
Wednesday evening0
Thursday evening53
Friday evening145

Total School Population: 237

Display this information in an appropriate graph form on another paper.

Answer the following questions based on the collected data.

1. Is having a "Fun Night" a good idea? Why?

2. Which night would be the best?

3. Which night would be the second choice?

4. Do the number of votes justify the results of the survey? Explain.

5. Which night should not be chosen at all?

6. If parents were surveyed, do you think they would choose the same night? Why or why not?

Statistics

Name _____

Find the mean, mode, median, and range of the information in each graph below. Round the answer to the hundreds place.

Mile Relay Practice Times	
DAY	TIMES
Monday	3.29 minutes
Tuesday	3.24 minutes
Wednesday	3.48 minutes
Thursday	3.24 minutes
Friday	3.89 minutes

mean: _____

mode: _____

median: _____

range: _____

Candy Bars Sold	
DAY	NUMBER OF BARS
Monday	127
Tuesday	225
Wednesday	93
Thursday	82
Friday	111
Saturday	137
Sunday	82

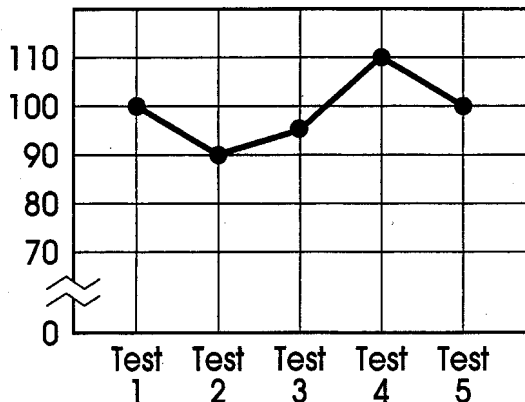
mean: _____

mode: _____

median: _____

range: _____

Test Scores



mean: _____

mode: _____

median: _____

range: _____