

1. Use the following set of data to answer the following questions.

78, 69, 67, 100, 79, 80, 96, 88, 68, 77, 78, 80,  
89, 78, 67, 88, 97, 91, 83, 74, 77, 99, 85, 68, 75,  
72, 95, 85, 74, 83, 91, 77, 66, 93, 84, 68, 91, 86

a. Calculate the class width with 5 intervals. \_\_\_\_\_

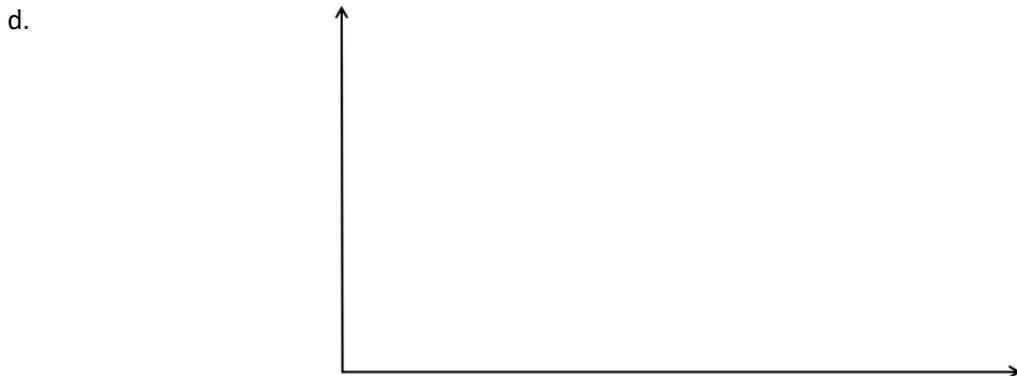
b. Add the Class Width to the smallest value and create 5 intervals.


c. Complete the frequency distribution chart.

*Frequency Distribution Chart*

Grades	Tally	Frequency

Create a histogram for the data.



2. Graph the budgets for Lakeland High School. Should this data be represented with a bar graph or histogram?

History	\$1,500
Math	\$2,500
Science	\$5,500
Art	\$6,250
Language Arts	\$5,000
Band	\$7,250
Technology	\$5,500



3. Twenty packs of M&Ms were opened and the number of blue and green candies were counted. Graph the data using a class width of 5.

a. What is the class width?

\_\_\_\_\_

b. What are your 5 intervals?


c. Create the histogram.

7	8	10	9
5	12	9	7
8	6	10	9
9	10	5	9
11	9	10	14
16	19	15	10
12	19	13	20
17	19	9	18
15	11	14	20
19	14	18	6

