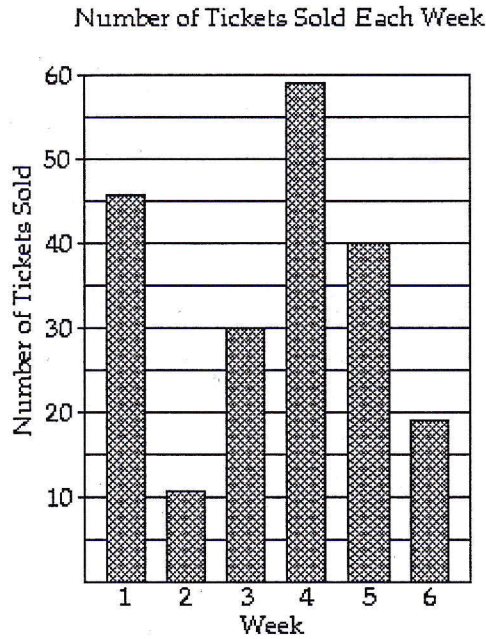


Name _____

1) What kind of data is displayed in the graph below: Categorical or numeric?

1) _____

The bar graph shows the number of tickets sold each week by the garden club for their annual flower show.



2) During which week was the most number of tickets sold?

2) _____

3) During which week was the fewest number of tickets sold?

3) _____

4) Approximately how many tickets were sold during week 4?

4) _____

5) The local police, using radar, checked the speeds (in mph) of 30 motorists in a construction area. The results are listed below. Construct a histogram from this frequency table.

5) _____

Speed	Frequency
33-35	3
36-38	6
39-41	6
42-44	6
45-47	3
48-50	6

6) What kind of data is represented above? Categorical or Numeric?

6) _____

7) Calculate the mean and the median for the following sample: 4, 4, 4, 5, 6, 10, 10, 11

7) _____

8) For the data in Question 7, sketch a dot plot.

8) _____

9) For the data in Question 7, is the distribution of the data left skewed, right skewed or Symmetric? Why?

9) _____

10) Your turn: Create a data set of numeric data of at least 15 values that has a mean of 40 and a median that is less than the mean. You may work with some one to do this on the review.

10) _____

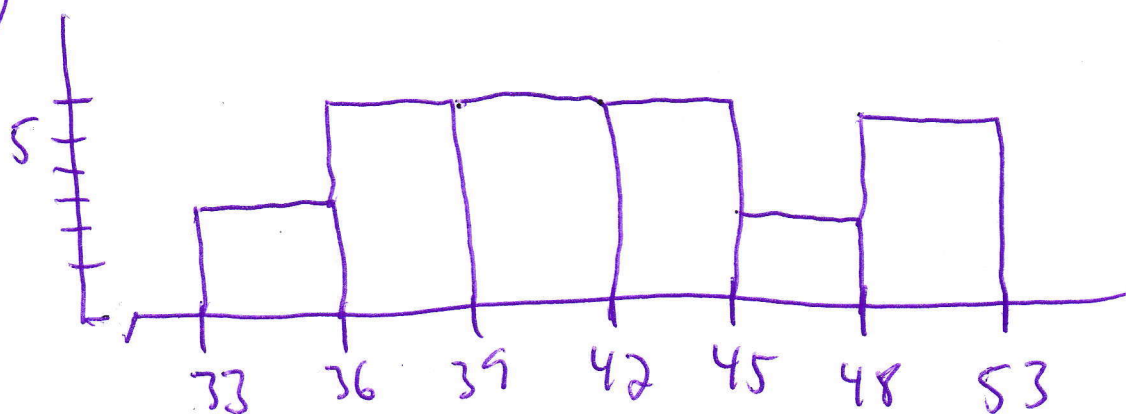
① Categorical, the categories being the weeks

② 4 more than 55 less than 60

③ 2 just over 10

④ See above

⑤



↳ weird shape

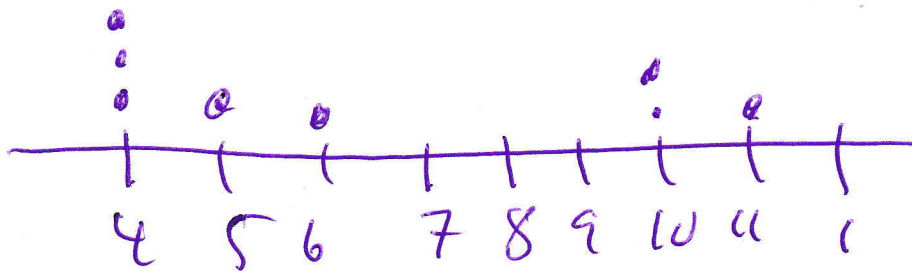
⑥ Numeric. not a bar graph.

⑦ 4, 4, 4, 5 | 6, 10, 10, 11

Median $n=8$
 $\frac{8+1}{2} = 4.5$
 $\frac{5+6}{2} = 5.5$

mean $\frac{Sum=54}{8}$
 $\frac{54}{8} \approx 6.75$

(8)



(9)

Tail to the right, right skewed

also $\text{mean} > \text{me}$

6.75 5.5

That agrees.

(10)

I would use a spreadsheet
to ck.