

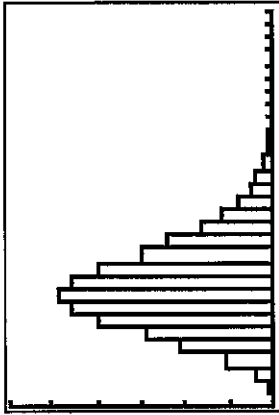
# Algebra II

## Interpreting Graphs

Name \_\_\_\_\_

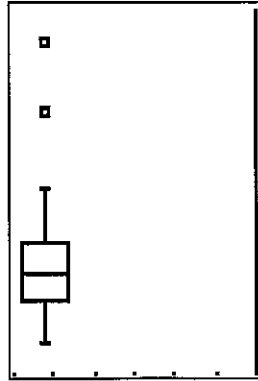
Hour \_\_\_\_\_

For each of the following graphs write a statement describing the distribution of the data shown by the graph. Tell whether the mean is "left", "right" or "in the same place" as the median.



1)

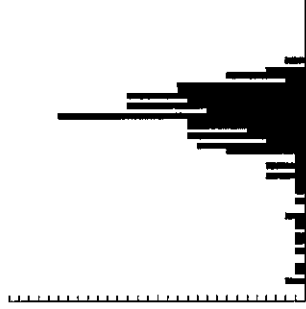
The data is skewed right.  
The mean is right of the median.



2)

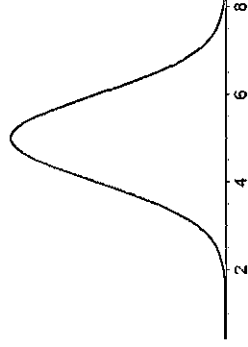
The data has positive skew.  
The mean is right of the median.

3)



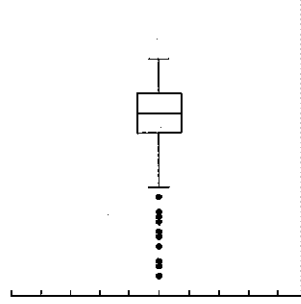
The data has negative skew.  
The mean is left of the median.

4)



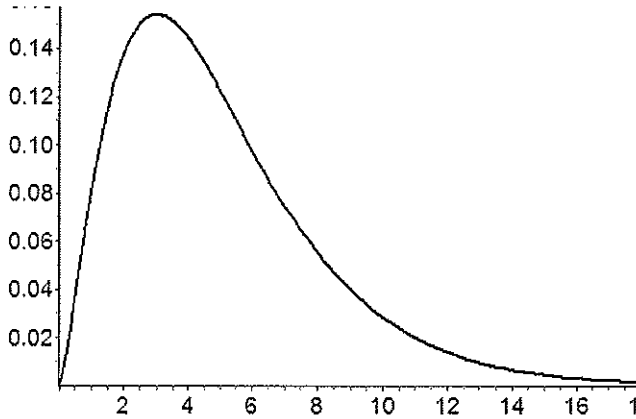
The data has normal distribution. The mean & median are equal.

5)



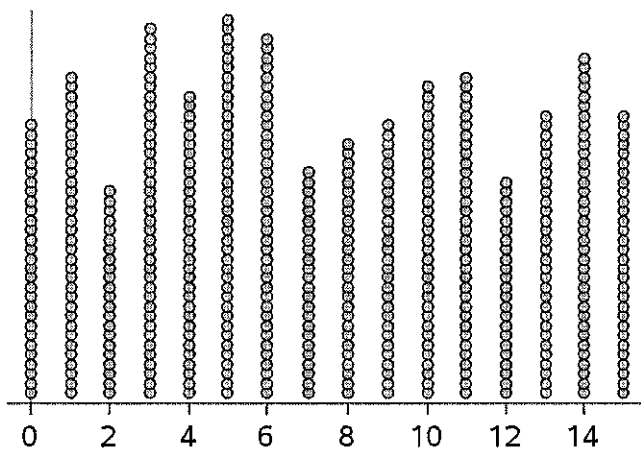
The data is skewed left.  
The mean is left of the median.

6)



The data is skewed right (or positive skew)  
The mean is right of the median.

7)



The data is jumbled. The mean & median are not easily determined (but probably close)

8) Estimate numerically the mean and median.

0	23468
1	0234589
2	015
3	
4	
5	2236
6	4458
7	14
8	1

26 data

median 20.5

mean  $\frac{890}{26} = 34.2$