Descriptive Statistics Test

I. Place the number of the appropriate definition next to the item it describes.

A. Statistic _____
B. Parameter _____
C. All-inclusive _____
D. Discrete _____
E. Mutually exclusive _____
F. Zero _____
G. Continuous _____
H. Inferential statistics _____
I. Arithmetic mean _____
J. Primary data _____

1. A place for every outcome
2. Do not contain the same outcome
3. The use of sample statistics to draw conclusions concerning the population
4. A numerical characteristic of a sample
5. Only finite values can exist on the x-axis
6. Published by the original collector
7. Severely affected by a few extreme values
8. Measurement may assume any value associated with an uninterrupted scale
9. A numerical characteristic of a population
10. Sum of the deviations around a mean

II. Answer questions A - E using the information in this chart.

Stated Class Limits	x	Frequency (f)
10 - 24	17	2
25 - 39	32	3
40 - 54	47	5

A. The second class has real class limits of _____ and _____.

B. The first class has stated class limits of _____ and _____.

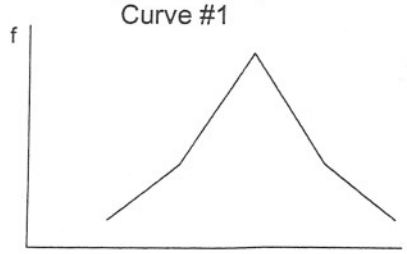
C. The class width is _____.

D. The midpoint of the third class is _____.

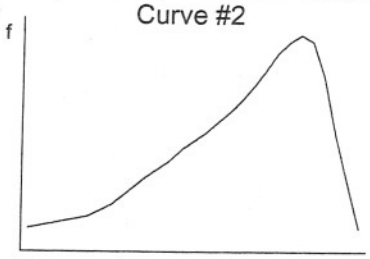
E. The range using real class limits is from _____ to _____.

III. Locate the approximate positions of the mean, median, and mode on these graphs.

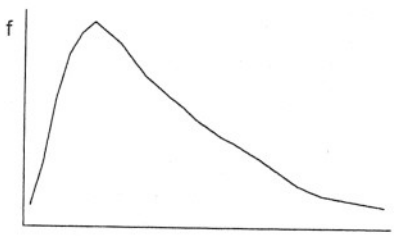
Curve #1



Curve #2



Curve #3



IV. Answer questions A - E using Curves #1 to #4.

A. Curve #1 is not skewed and is said to be _____.

B. Curve #2 is skewed to the _____.

C. Curve #3 is skewed to the _____.

D. Curve #4 is _____.

E. A curve with more than two peaks is _____.

Curve #4