Latoya Thomas

Lab#1 Paper

1 Questions 1-7 involve the following set of numbers: 5, 95, 55, 65, 50, 25, 35, 10, 45, 70, 75, 85, 25, 15 What is the mean for this set? Mean, 46.786 =655/14

Multiple Choice | 5.00

40
45
46.79
<u>47.5</u>

The answer is 46.79

2.

What is the median?

Multiple Choice | 5.00

45
46.79
47.5
<u>50</u>

Answer: Median is 47.5

3.

 What is the mode?

Multiple Choice | 5.00

25

45
50
95

Answer: Mode is 25

4.

What is the exclusive range?

Multiple Choice | 5.00

95
90
91
<u>85</u>

The exclusive range is 95

5.

What is the inclusive range?

Multiple Choice | 5.00

95
90
91
85

The inclusive range is 85

6.

What is the standard deviation?

Multiple Choice | 5.00

28.73
46.79
47.5
825.41

The answer is 28.73

7.

What is the variance?

Multiple Choice | 5.00

28.73
46.79
47.5
825.41

The answer is 825.41

8.

Questions 8 through 16 involve the following SPSS data set: Lab 1 - Data Set Q8-16.sav
8. What is the mean for score 1

Multiple Choice | 5.00

6.1
6.25
6.30
6.50

The answer is 6.25

9.

What is the median for score 1

Multiple Choice | 5.00

6.10
6.25
6.30
6.50

The answer is 6.10

10.

What is the mode for score 1

Multiple Choice | 5.00

6
7
Both 6 and 7
<u>This set has no mode</u>

The answer is 6

11.

What is the mean for score 2?

Multiple Choice | 5.00

30.00
29.95
29.00
29.90
The answer is 30

12.

What is the median for score 2?
Multiple Choice | 5.00

29.00
29.90
29.95
<u>30.00</u>

The answer is 30

13.

What is the mode for score 2?

Multiple Choice | 5.00

29.9
30
35
45.00

The answer is 29.9

14.

What is the mean for score 3?

Multiple Choice | 5.00

145.00
147.00
147.40
154.00

The answer is 154

15.

What is the median for score 3?

Multiple Choice | 5.00

145.00
147.00
147.40
154.00

The answer is 145

16.

What is the mode

for score 3?

Multiple Choice

| 5.00

123 145 154 <u>174</u>

The answer is

174

17.

Use the following set of numbers to answer

questions 17-20: 10, 15, 20, 25, 30

What is the unbiased standard deviation for this set?

Multiple Choice | 5.00

7.07
7.08
7.09
7.91

The answer is 7.07

18.

What is the biased standard deviation for this set?

Multiple Choice | 5.00

7.07
7.08
7.09
7.91

The answer is 7.07

19.

What is the range of this set?

Multiple Choice | 5.00

10
20
25
15

The answer is 20

20.

What is the mode of this set?
Multiple Choice | 5.00

10
0
there is no mode
1

<u>The answer there is no mode</u>