NAME: _____. ASSESSMENT NAME: Unit 1

_____ 7.SP.4 Use measures of central tendency

_____ S.6 Clearly explains thinking

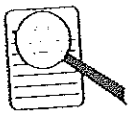
_____. S.7. Attends to details

Time Spent on Assessment

45
50
50
50
55
55
60
60
60
65
65
65
65
65
70
70
75
75

Sum of times = 1100

The Analysis



Mean: Show how you get this even though you can use a calculator. Round your answer to the nearest whole number.

Median: Give the number and tell what this is.

Mode: Give the number and tell what this is.

Range: Write an equation to get this.

Absolute Deviation: List the absolute deviations next to the list of times. What are these numbers?

Mean Absolute Deviation: Show how you get this even though you can use a calculator. Tell what this means.

Make a graph
For this test, you will be making a

_____

Of the data!
(Don't forget a key when appropriate, a title, and to label all parts of your graph.

Stem and Leaf Plot Directions

1) LOOK at your data

Game Stats

Name	Mins played
Gifford	22
Slavky	29
Harrison	22
Samon	31
Maintry	20
Lewing	12
Wilson	14
Larriby	24
Paston	13
Lebling	4
Waster	2
Canno	1

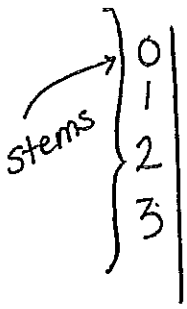
2) Determine the smallest and largest number in the data.

Largest: 31
Smallest: 1

3) Identify the stems.
The stem is the digit to the left of the right-most digit, like:

31 ⇒ stem is 3
29 ⇒ stem is 2
4 ⇒ stem is 0

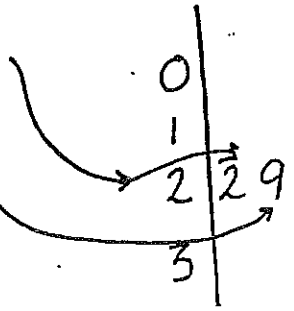
4) Draw a vertical line and list the stems to the left of the line.



5) Fill in the leaves

Gifford 22 mins.

Slavky 29 mins.



6) Sort the leaf data. It is easier to interpret when each row's leaves are sorted from low to high.

0	1 2 4
1	2 3 4
2	0 2 2 4 9
3	1

7) Add a title and Key.

Game Stats ← Title

0	1 2 4
1	2 3 4
2	0 2 2 4 9
3	1

Key: 3|1 = 31 mins.

Stem ↗ ↖ leaf

} you can choose any sample for your key.

You are done!