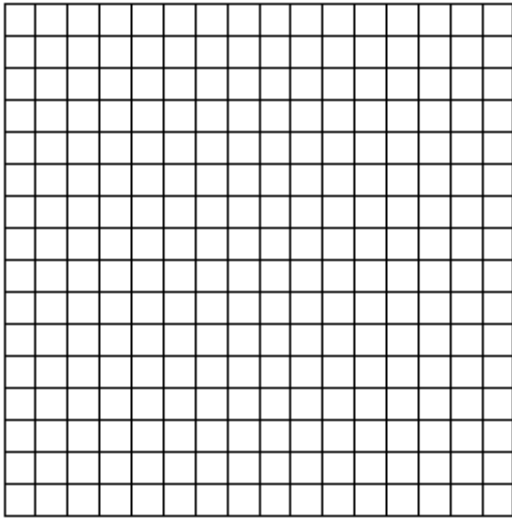


NAME: \_\_\_\_\_

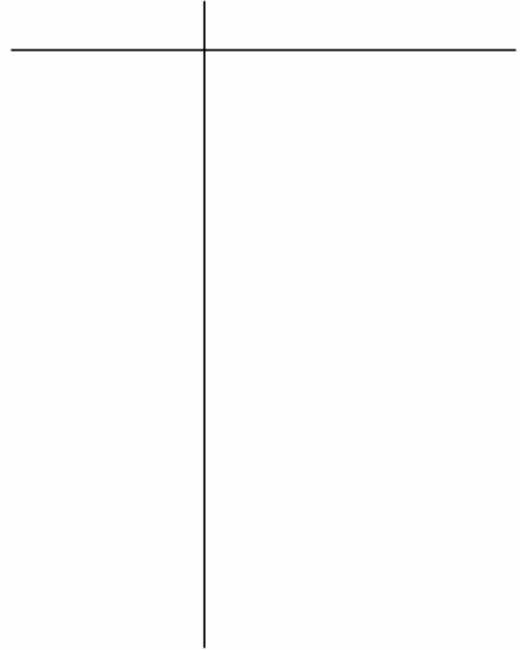
1. 010132a, P.I. A.S.5

On a science quiz, 20 students received the following scores: 100, 95, 95, 90, 85, 85, 85, 80, 80, 80, 80, 75, 75, 75, 70, 70, 65, 65, 60, 55. Construct a statistical graph, such as a histogram or a stem-and-leaf plot, to display this data. *[Be sure to title the graph and label all axes or parts used.]*



2. 010535a

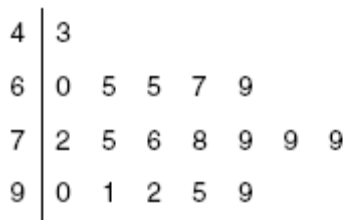
Construct a stem-and-leaf plot listing the scores below in order from lowest to highest.  
15, 25, 28, 32, 39, 40, 43, 26, 50, 75, 65, 19,  
55, 72, 50



NAME: \_\_\_\_\_

3. 060321a, P.I. 6.S.5

The student scores on Mrs. Frederick's mathematics test are shown on the stem-and-leaf plot below.



Key: 4 | 3 = 43 points

Find the median of these scores.

4. 080714a, P.I. 6.S.5

The accompanying stem-and-leaf plot represents Ben's test scores this year.



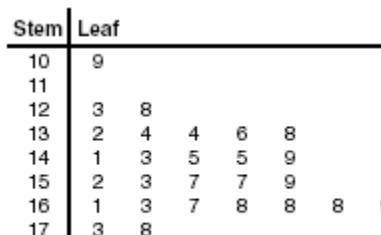
Key: 7 | 2 = 72

What is the median score for this set of data?

- [A] 73 [B] 81 [C] 80 [D] 79

5. 060509a, P.I. 6.S.5

Jorge made the accompanying stem-and-leaf plot of the weights, in pounds, of each member of the wrestling team he was coaching.



Key: 16 | 1 = 161

What is the mode of the weights?

- [A] 150 [B] 152 [C] 145 [D] 168

[4] The student draws a histogram, a stem-and-leaf plot, or any other acceptable statistical graph, with proper labels and a title.

[4] C

[3] The student makes one or two minor errors, such as a lack of label, title, or connected dots.

[5] D

[2] The student makes several minor errors or one major error, such as not accounting for all 20 scores.

[1] The student draws just the beginning of a graph.

[0] A zero response is completely incorrect, irrelevant, or incoherent or is a correct response that was obtained by an obviously

[1] incorrect procedure.

[2] A correct stem-and-leaf plot is drawn, including a key.

[1] The data are arranged correctly, but incorrect labels are written on the stem-and-leaf columns. [Columns do not need to be labeled for a full-credit response, but full credit may not be awarded if the columns are labeled incorrectly.]

or [1] The data are listed in the stem-and-leaf plot, but not in ascending order.

or [1] One or two of the scores are left out of the stem-and-leaf plot.

or [1] Duplicate values are left out of the stem-and-leaf plot.

[0] Incorrect labels are written on the stem-and-leaf columns, and scores are left out of the plot.

or [0] A zero response is completely incorrect, irrelevant, or incoherent or is a correct response that was obtained by an

[2] obviously incorrect procedure.

[2] 77, and appropriate work is shown, such as  $(76 + 78) \div 2$ .

[1] 76 and 78 are identified.

or [1] 77, but no work is shown.

[0] A zero response is completely incorrect, irrelevant, or incoherent or is a correct response that was obtained by an obviously

[3] incorrect procedure.