

Stem-and-Leaf Plots (I)

Answer the questions about the stem-and-leaf plot.

stem	leaf
4	0 2 3 4 4 7 8
5	0 1 4 4 5 6 8 9
6	0 5 5 7 9 9
7	1 2 3 7 7 8 9
8	0 0 2 2 3 4 5 7 9 9
9	0 2 3 3 4 5 5 5 5 5 5 5 6 6 6 6 6 6 6 7
10	0 2 2 2 2 3 3 3 4 4 5 7 9 9
11	2 2 2 2 3 3 3 5 6 6 6 7 7 7 8 8 8 8 8 9
12	0 0 0 2 2 3 3 4 4 4 4 5 5 5 6 6 6 7 7 9
13	0 0 1 3 4 4 5 5 5 5 7 7 7 8

1. Determine the minimum value, maximum value and range of the data.
2. Determine the count, median, mode and mean of the data. Round the mean to one decimal place if necessary.
3. How many values are greater than 91?
4. How many values are less than 68?

Stem-and-Leaf Plots (I) Answers

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stem	leaf
4	0 2 3 4 4 7 8
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9	0 2 3 3 4 5 5 5 5 5 5 5 6 6 6 6 6 6 6 7
10	0 2 2 2 2 3 3 3 4 4 5 7 9 9
11	2 2 2 2 3 3 3 5 6 6 6 7 7 7 8 8 8 8 8 9
12	0 0 0 2 2 3 3 4 4 4 4 5 5 5 6 6 6 7 7 9
13	0 0 1 3 4 4 5 5 5 5 7 7 7 8

1. Determine the minimum value, maximum value and range of the data.

Minimum: 40 Maximum: 138 Range: 98

2. Determine the count, median, mode and mean of the data. Round the mean to one decimal place if necessary.

Count: 126 Median 102.5 Mode: 95 96 Mean: 99.5

3. How many values are greater than 91?

50

4. How many values are less than 68?

19