

# Stem-and-Leaf Plots (J)

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

stem	leaf
15	0 1 1 1 2 2 4 5 6 6 9
16	0 0 2 6 6 7
17	0 5 8 8
18	0 0 1 2 3 3 3 3 5 6 7 7 8 8 8 9
19	0 1 1 1 1 2 2 2 2 2 3 3 4 4 4 4 7 8 9
20	1 2 2 4 4 4 4 5 5 5 7 7 8 8 8
21	3 3 6 7 7 7 8 8 9 9 9
22	
23	3 5 6
24	0 1 2 4 4 6 8 9

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 187?
4. How many values are less than 159?

# Stem-and-Leaf Plots (J) Answers

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

stem	leaf
15	0 1 1 1 2 2 4 5 6 6 9
16	0 0 2 6 6 7
17	0 5 8 8
18	0 0 1 2 3 3 3 3 5 6 7 7 8 8 8 9
19	0 1 1 1 1 2 2 2 2 2 3 3 4 4 4 4 7 8 9
20	1 2 2 4 4 4 4 5 5 5 7 7 8 8 8
21	3 3 6 7 7 7 8 8 9 9 9
22	
23	3 5 6
24	0 1 2 4 4 6 8 9

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

**Minimum: 150 Maximum: 249 Range: 99**

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

**Count: 93 Median 192 Mode: 192 Mean: 194.7**

3. How many values are greater than 187?

**43**

4. How many values are less than 159?

**9**