

# Stem-and-Leaf Plots (C)

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

stem	leaf
12	0 0 1 1 1 2 3 4 5 5 6 6 6 7 7 8 8 8
13	0
14	0 1 1 1 1 3 4 4 5 5 5 5 5 5 7 7 8 8 9
15	0 0 1 3 3 3 3 4 5 5 6 6 6 6 7 8 9 9
16	0 0 0 1 2 2 4 4 4 5 6 7 8 9
17	0 1 2 2 3 4 5 5 6 6 6 7 9 9
18	1 1 2 2 2 3 3 4 4 5 6 6 7 8 8
19	1 2 3 3 6
20	0 1 1 2 2 2 4
21	1 2 2 2 3 5 8 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 139?
4. How many values are less than 214?

# Stem-and-Leaf Plots (C) Answers

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

stem	leaf
12	0 0 1 1 1 2 3 4 5 5 6 6 6 7 7 8 8 8
13	0
14	0 1 1 1 1 3 4 4 5 5 5 5 5 5 7 7 8 8 9
15	0 0 1 3 3 3 3 4 5 5 6 6 6 6 7 8 9 9
16	0 0 0 1 2 2 4 4 4 5 6 7 8 9
17	0 1 2 2 3 4 5 5 6 6 6 7 9 9
18	1 1 2 2 2 3 3 4 4 5 6 6 7 8 8
19	1 2 3 3 6
20	0 1 1 2 2 2 4
21	1 2 2 2 3 5 8 8

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

**Minimum: 120 Maximum: 218 Range: 98**

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

**Count: 119 Median 161 Mode: 145 Mean: 163.7**

3. How many values are greater than 139?

**70**

4. How many values are less than 214?

**78**