

NAME _____

Module 19 Analyzing Data and Statistics
Lesson 3 Analyzing and Describing Graphs



Set 1

IQ Scores	
9	0 0 5
10	0 5 5
11	0 5
12	0
13	
14	5

12|0 = 120

1. Find the five-number summary of the IQ scores given in the stem-and-leaf plot.

2. Make a box-and-whisker plot of the IQ-score data.

3. Find the five-number summary of the IQ scores when the outlier 145 is removed.

4. Make a box-and-whisker plot of the IQ-score data without the outlier. Make this plot above the plot that includes the outlier.

5. Compare the box-and-whisker plot that includes the outlier with the box-and-whisker plot that does not include the outlier.

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