

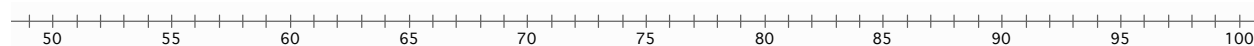
Name: _____

Modeling Data | **8.1****Set**

Topic: Examining data distributions in a box-and-whisker plot

60, 64, 68, 68, 72, 76, 76, 80, 80, 80, 84, 84, 84, 84, 88, 88, 88, 92, 92, 96, 96, 96, 96, 96, 96, 96, 100, 100

6. Make a box-and-whisker plot for the following test scores.



7a. How much of the data is represented by the box?

b. How much is represented by each whisker?

8. What does the graph tell you about student success on the test?

Go

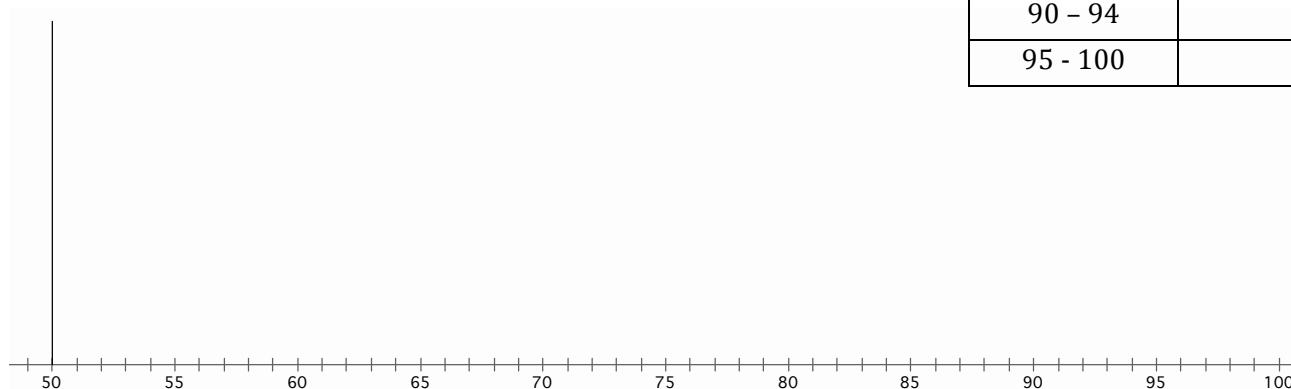
Topic: Drawing histograms.

Use the data from the SET section to answer the following questions

9. Make a frequency table with intervals. Use an interval of 5.

10. Make a histogram of the data using your intervals of 5.

Score	Frequency
60 – 64	
65 – 69	
70 – 74	
75 – 79	
80 – 84	
85 – 89	
90 – 94	
95 – 100	



Need Help? Check out these related videos:

http://www.khanacademy.org/math/statistics/e/mean_median_and_mode<http://www.khanacademy.org/math/algebra/ck12-algebra-1/v/box-and-whisker-plot><http://www.khanacademy.org/math/algebra/ck12-algebra-1/v/histograms>

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