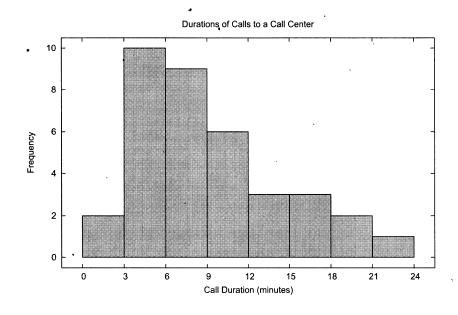
Math 206 - Quiz 5

February 28, 2018

Name key Score

Show all work to receive full credit. Supply explanations when necessary.

1. (3 points) The graph below shows the distribution of the lengths of phone calls (in minutes) to a customer service center on a particular day.



(a) What is the name of this type of graph? HISTOGRAM

(b) How many phone calls did the service center receive on that particular day?

(c) What percent of the calls were between 6 min and 9 min?

$$\frac{9}{36} = 25\%$$

2. (2 points) Construct a stem-and-leaf plot for the following collection of numbers.

Follow-up: Explain why a dotplot would not be an appropriate type of display for this data.