

me

# 10.4 Interpret Stem-and-Leaf Plots and Histograms

Alg I

I can make Stem-and-leaf plots and histograms.

Stem-and-leaf Plot: A data display that organizes data based on their digits

Example 1:

Ch. 10

Quiz

Stem	Leaves
178	7 7 7 8 8 8 8 8 8 8 9
179	0 1 2 6
180	3
181	2 6 7

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Test

Key:  $178 | 7 = 1787$

~~1787, 1787, 1787, 1788, 1788, 1788, 1788, 1788,~~  
~~1788, 1788, 1788, 1789, 1790, 1791, 1792, 1796, 1803~~  
~~1812, 1816, 1817~~

2) The data in example 1 is largely clustered from 3-19

Example 2:

3) Most of the data for females is between 10-30.  
 Most of the data for men is between 20-40.  
 In general, male students watch more TV.

Name

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Frequency: The number of data values in an interval

Ch. 10 Quiz

Frequency Table: Groups data into equal intervals with no gaps

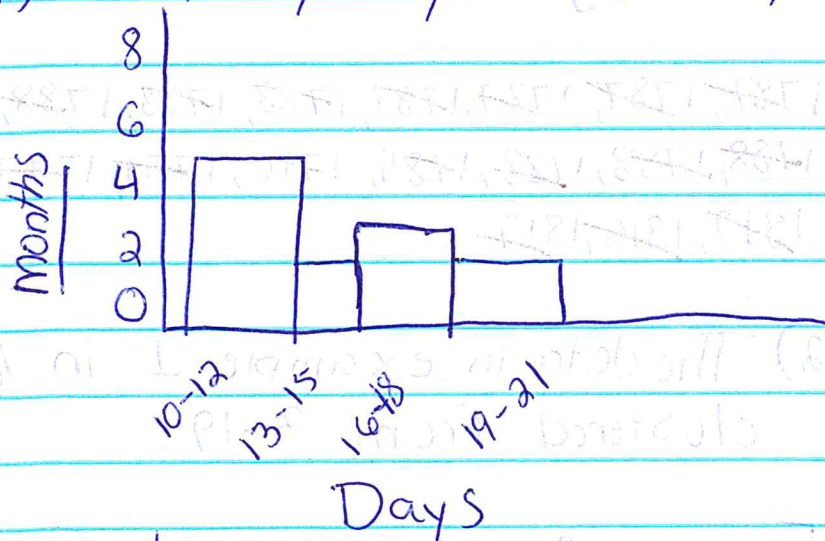
Ch. 9/10 Test

Histogram: A bar graph that displays data from a frequency table

\* Complete Skills Practice, pg. 681, #

Example 3:

4) Rainy Days in Buffalo, NY



Days	months
10-12	
13-15	
16-18	
19-21	

10, 10, 11, 11, 12  
13, 14  
16, 16, 17  
19, 20