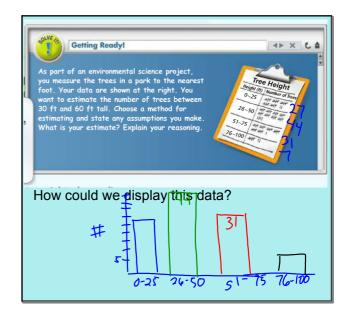
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Algebra 1
Lesson 12-2
Frequency and Histograms

Goal: to make and interpret frequency tables and histograms



frequency: an interval is the number of data values in that interval

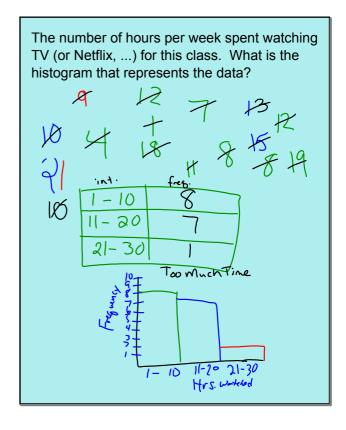
frequency table: groups a set of data values into intervals and shows the frequency for each interval.

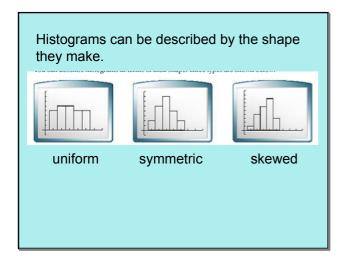
Intervals do not overlap, do not have gaps, and are usually equal size.

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A histogram is a graph that can display data from a frequency table.

-has a bar for each interval
-height of the bar shows the frequency
- no gaps, and bars are equal length





number of data values that lie in or below that given interval. 12 13 18 18 1 8 7 10 8 2 2 7 11 21 0 18 0 1 1 2 2 2 5 7 7 9 10 11 12 13 15 15 Cumulative Interval Frequency Frequency 0-4 6 5-9 4 10 4 10-14 14 15-19 2 16

A cumulative frequency table shows the

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Hwk: pg 735 - 737 #8, 12, 14 - 17 all, 18, 22-24 all, 27 - 30 all