

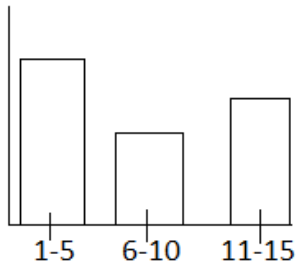
Lesson 9-5: Histograms

SWBAT: Construct and interpret histograms

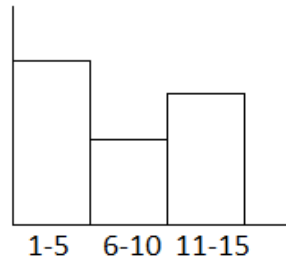
Histogram:

- A bar graph that shows _____
- Unlike a regular bar graph, this one has all of the bars right next to each other.

Bar graph

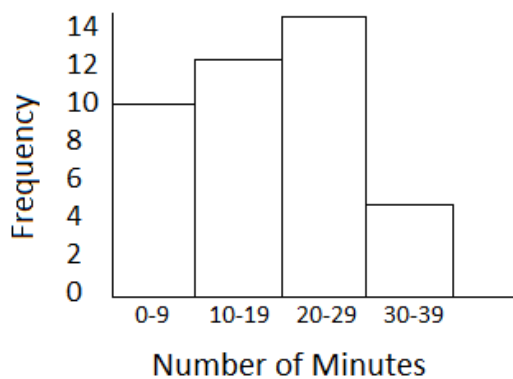


Histogram



1. Number of minutes spent doing homework: Histogram

2. A department store survey asked customers the number of minutes in an hour they would typically spend shopping online. The results are in the Histogram



- How many observations (customer responses) are in this data set?
- What does each observation represent?
- Which interval has the fewest number of responses?
- What assumptions can you make from this chart about how long people spend shopping online?

3. Create a box and whisker plot from this data set:

1, 1, 1, 2, 2, 3, 3, 7, 9, 12, 15, 18