

The following graphs refer to this data set: 4,4,7,5,1,3,6,2,4,

Order the data set: 1,2,3,4,4,4,5,6,7

Find the critical statistics:

Median: 4

Q1: 2.5

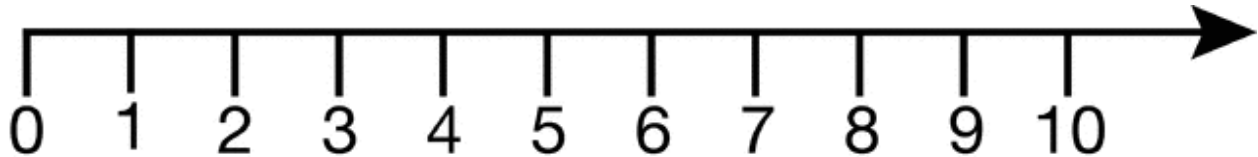
Q3: 5.5

IQR: 3

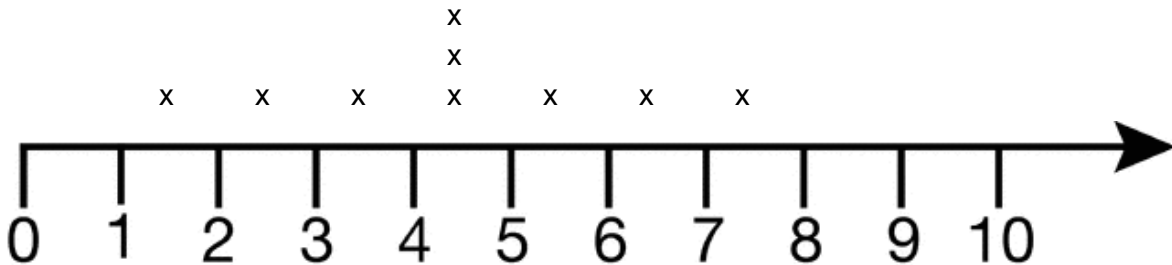
Min: 1

Max: 7

For a Dot Plot, create a number line that has evenly spaced marks.



Then put one dot for every number the occurs in the data set over the number line. Look at the example.



For a Box Plot, create a number line that has evenly spaced marks. Then put a dot ON THE SAME line that represents the min, Q1, Median, Q3, and max. Then draw a line from the min to Q1, a line from Q3 to the max, and then a box whose edges are at Q1 and Q3.

