



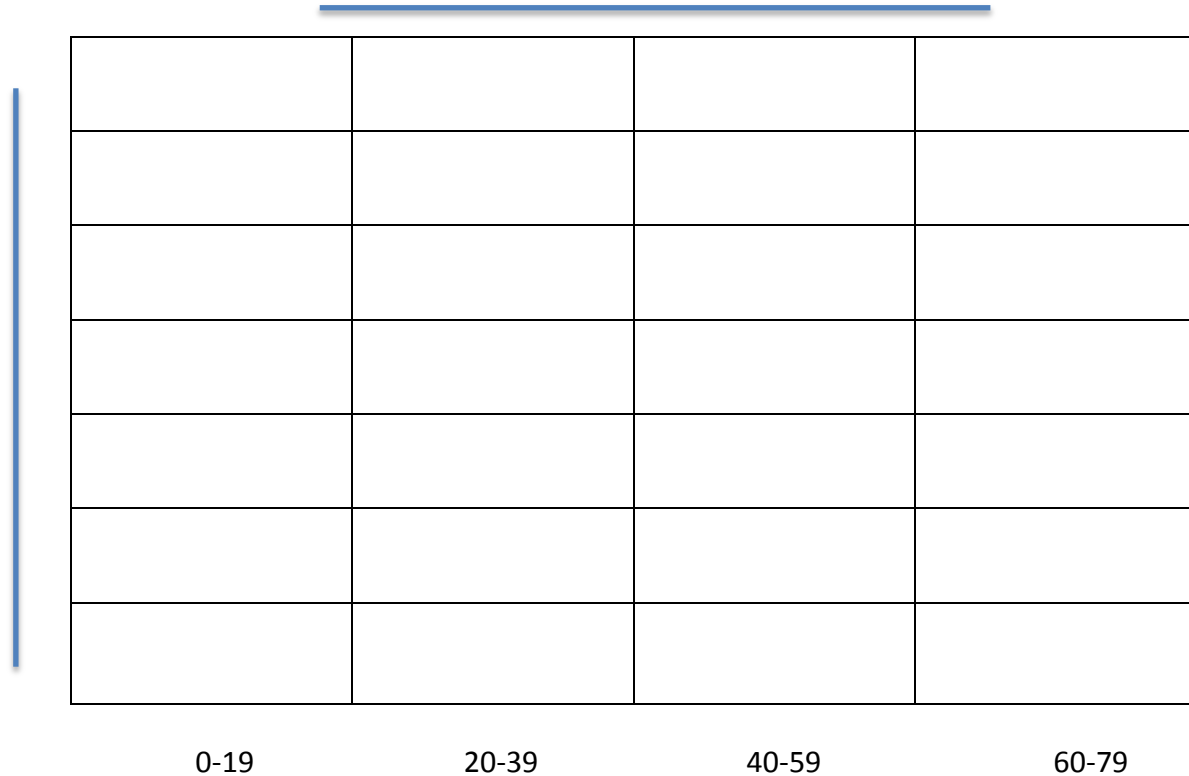
Below is list of New England Patriots and total receptions for the 2015 season.
Use this data set to graph, find the measures of central tendency, and answer questions.

Player	Receptions
Danny Amendola	65
LeGarette Blount	6
Brandon Bolden	19
Tom Brady	1
Scott Chandler	23
Aaron Dobson	13
Julian Edelman	61
Rob Gronkowski	72
Steven Jackson	1
Brandon LaFell	37
Dion Lewis	36
James White	40
Michael Williams	3

1) Complete the frequency table below.

Spread	Tally	Frequency
0-19		
20-39		
40-59		
60-79		

2) Create a histogram for the data set. Give it a title and label the horizontal axis and vertical axis.





3) Which values have the greatest number of players? _____

4) What might be some reasons for the shape of this histogram? _____

5) Order the values in the data set from least to greatest in the box below.

6) Find the minimum, maximum, median, Q1, and Q3 of the data set.

Minimum _____ Q1 _____ Median _____ Q3 _____ Maximum _____

7) Create a box and whisker plot for the number of receptions for each player.



8) 75% of the players had at least _____ receptions.

9) _____% of the players have 23 or more receptions.

10) What is the range of the middle 50% of the data set? _____

11) Why is the first quartile so much shorter than the other quartiles? _____

12) Find the mean, mode, and range of the data set.

Mean _____ Mode _____ Range _____

