Unit 16: Statistics Quiz Review

1. Fine Chocolates of the Palm Beaches used a box plot to show their daily sales for the month of December as shown below.
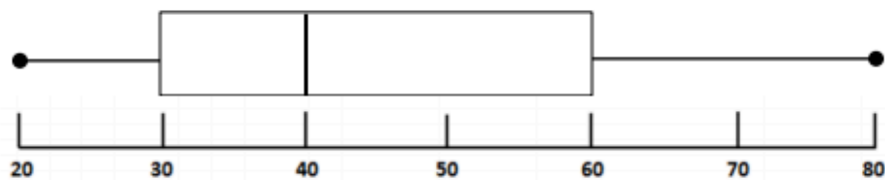
From the list below, fill in the following. The numbers may be used more than once or not at all.

20   30   40   50   60   70   80

Median ☐   Minimum ☐   Range ☐   IQR ☐   Q1 ☐

What percentage of the data has at least a daily sale of 60?

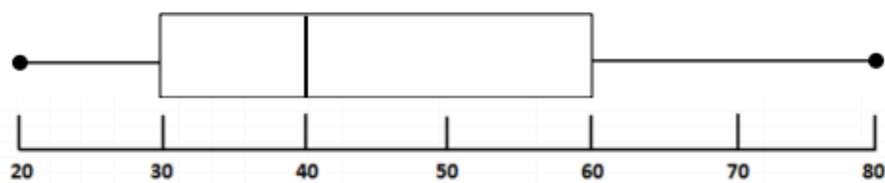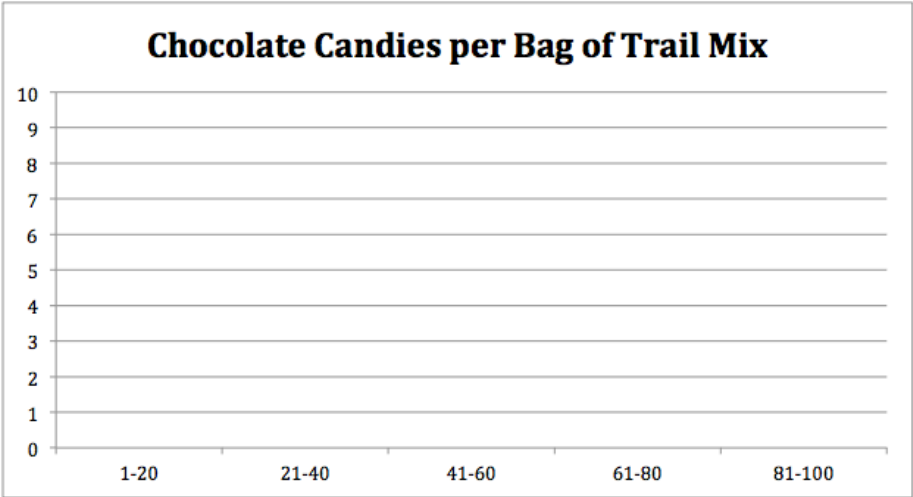What percentage of the data has at least a daily sale of 30?

2. Use the following data of chocolate candies per bag of trail mix, to construct a histogram.
50, 42, 119, 45, 68, 32, 67, 111, 61, 31, 75, 39, 62, 64, 49, 55, 51, 33, 117, 96, 64, 82
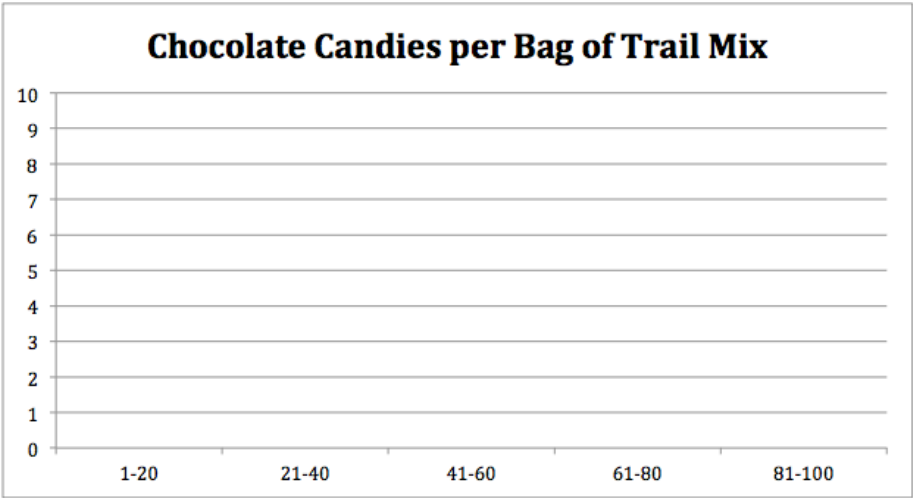
Frequency Table

Interval	# of Values
1-20	
21-40	
41-60	
61-80	
81-100	

Chocolate Candies per Bag of Trail Mix

	1-20	21-40	41-60	61-80	81-100

3. Find the mean, median, mode, and range of the following data: 14, 19, 20, 8, 32, 25