Unit 9R Statistics Review		Name		Per:	
1.	Given the data set {65, 56, 63, 76, 7	5, 65, 88, 67, 75, 0	57, 87, 66, 83, 56,	82, 67, 87} F	`ind:
	a. Mode:	c. Range		d. Standard	Deviation σx :
	b. Mean:				
	e. Five Number Summary Min: _	Q1:	Median:	Q3:	Max:
	f. IQR:				
	g. Mathematically prove if there is an outlier. (IQR*1.5)				
2.	From the data above, make the foll a. Histogram (intervals of 10)	lowing graphicall b. Dot Plot	y representation		(Box and Whisker)
3.	List the advantages of each kind of a. Box Plot	-			
	b. Scatter Plot				
	c. Dot Plot				
	d. Histogram				
4.	Based on the box plot to the right. Mrs. Sanchez's Period 1 Math Quiz Results a. How many students scored 100% on the quiz?				
	b. What was the lowest score on the	-		-	
	c. What was the median score?			30 40 50 6	
	d. Where are the scores the most spread out?				
	e. 25% of the students scored above what percentage?				
	f. What is the IQR of the box plot?_				
5.	For the data, find the Mean, Median, Standard Deviation, Interquartile Range and show your				
	work to find if there are any outlies a. Mean:	rs. {6,22,4,15,1 b. Mode:		c.	Median:
	d. Standard Deviation (σx):		e. IQR:		
	f. SHOW if there are any Outlier	s			

6. By looking at the scatter plots below, **describe the correlation as** Positive OR Negative and Strong, Moderate, Weak or NONE.

