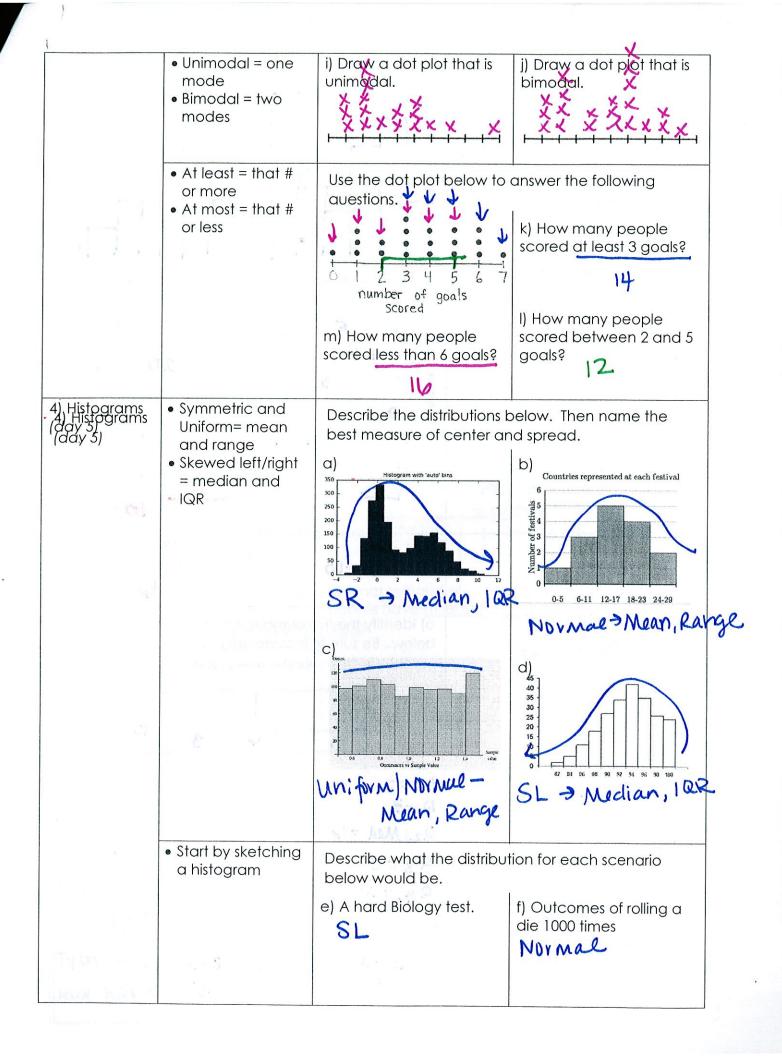
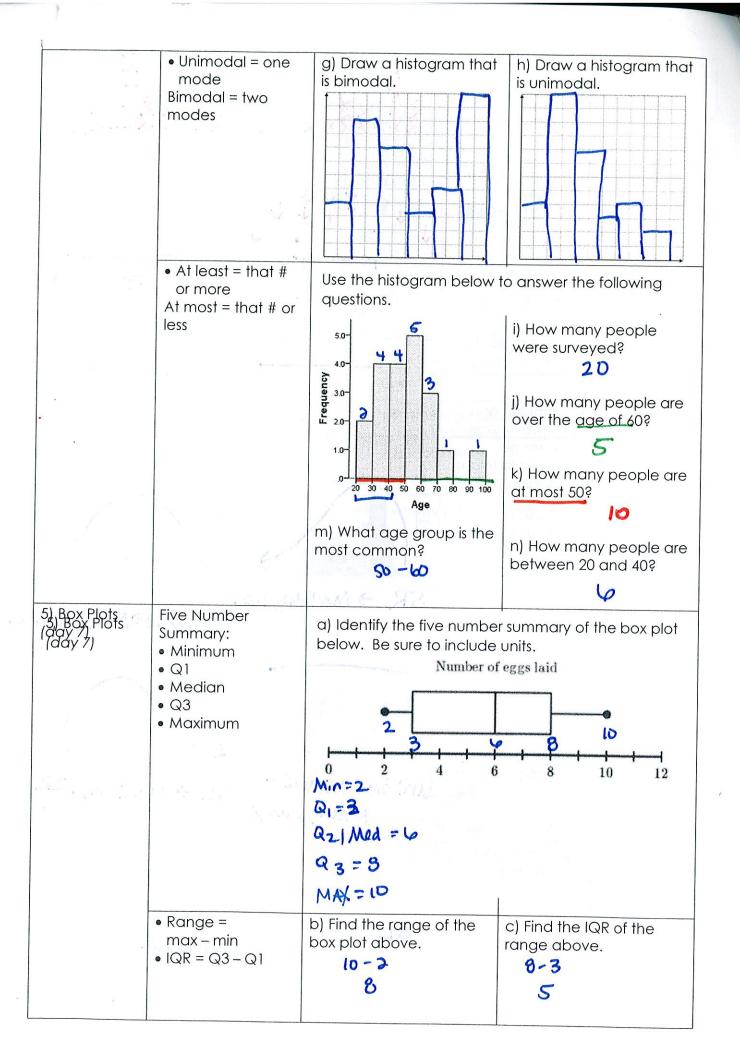
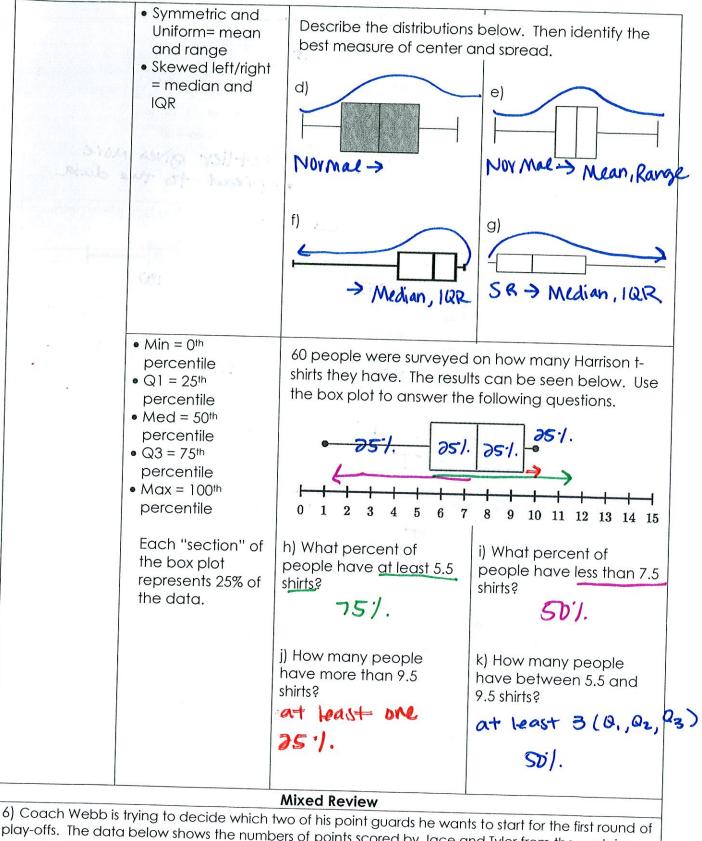
Topic	Things to Remember	Practice				
1) Two Way	 Joint frequencies: inside cells Marginal frequencies: outside cells (totals) 	a) Fill in the blanks below.				
Frequency Tables (day1 notes)			High School Diploma	Bachelor's Degree	Master's/ Doctoral Degree	Total
		Male	16	46	3	65
		Female	12	51	3	60
		Total	28	97	6	131
	To create relative frequencies, divide each frequency by the grand total –			relative freuency table	equency take above.	ole based
to the garage of	round to the nearest hundredth	Female	.09	.40	.02	
		A STATE OF THE PARTY OF THE PAR	. 21	. 75	. 04	White Course in Francisco Course and Course of
pyrminab brood brood	whole number Probability = decimal rounded to nearest hundredth Percent = percent (be sure to include % with answer)	e) What is that a pers	iny people h school 2 & the proba on has a Degree?	d) V pec fem bility nun surv	hat is the to hber of peopeyed? 13	ntage of d were
dentity ema	probability key words: "if", "given that", "what percent of", etc. You will need to	Use either questions. g) If a person what is the that they had begree? i) What per people with Degrees are	on is male probabilit ave a Ma 3 cent of h Bachelo	h) V pec dipl 05 j) G fem prol hav	ver the follow What percer ople with hig omas are m iven that a p idle, what is oability that e a high sch oma?	nt of h school ale? 20 20 cerson is the they

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2) Measures of Center and Spread (day 4 notes)	 Measures of Center: mean, median, mode, Q1, Q3 Measures of Spread: range, IQR, MAD When finding measures of center/spread by hand, order from least to greatest first The smaller the MAD, the more consistent the data. 	For the data sets below, find the mean, median, mode, Q1, Q3, range, and IQR. a) 30(27) 24, 32, 40, 26, 737, 31(27) Mean = 30.44 Median = 30 Mode = 37 Q1 = 36.5 Range = 16 IQR = 8 c) Data set A has a MAD of 12.5 and data set B has a MAD of 8.92. Which data set is more consistent? Data Set B d) Class A's last quiz grades had a MAD of 4.25 and Class B's last quiz grades had a MAD of 4.29. Which class was less consistent?			
	 Outliers are data values that are very small or very large compared to all other data values. No outliers = mean and range Outliers = median and IQR 	Determine whether the data sets below have outliers; if they do, identify them. Then identify and find the best measure of center and spread.			
		e) 50, 45, 49, 53, 51, 52, 40, 46, 48, 58, 25 Measure of Center: Median Measure of Spread:	f) 0, 12, 2, 6, 18, 3, 5, 11, 36, 9 Measure of Center: Median Measure of Spread:		
3) Box Plots (day 5)	Symmetric and Uniform= mean and range Skewed left/right = median and IQR	Describe the distributions of find the best measure of constraints of the state of			
81.5 - 51.	· ************************************	Measure of Spread:	Measure of Spread:		

. . . .







play-offs. The data below shows the numbers of points scored by Jace and Tyler from the past six

Jace: 11, 11, 6(26, 6, 12

Tyler: 15, 12, 13, 10, 9, 13

Who do you think Coach Webb should select as a starting player and why?

Tyler - he scores move consistenty and has a better averge. Jace has an outlier skewing his data.

7) Which data set will have the greater mean absolute deviation? Why? X Set 2: 25, 50, 55, 60, 60 Set 1: 50, 50, 55, 60, 60 Mean = 55 Mean = 50 Spread to the data 8) Determine whether the statements below are true or false based on the box plots below. boys | 180 140 150 160 170 180 cm 190 130 girls 173 155 a) The girls are taller on average. _ b) The shortest person is a boy. __ c) The tallest person is a boy. ____ d) Both data sets are skewed to the left. __ e) Girls have a smaller IQR.

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A. S. L. L. B. B. B. B.