

2013-2014 AP Statistics Assignments

(see web site for reading guides, glossaries of important terms, notes, HW answers, and other goodies)

Chapter	Day	Topics	Objectives: Students will be able to...	Homework	Reading	5/6O	1/2B
12	0	Reviewing Chapter 3 is important for our next topic in Chapter 12 on Regression Inference AND a good review for the AP Exam.		#s 1, 10, 17, 35, 47, 54, 56, 58, 63	Reread Chapter 3	15-Apr	16-Apr
		Cumulative Take Multiple Choice Take Home Test (Bonus 2011 FRQ's 2 pts each)					
12	1	12.1 Regression Inference	<ul style="list-style-type: none"> Check conditions for performing inference about the slope β of the population regression line. Interpret computer output from a least-squares regression analysis. Construct and interpret a confidence interval for the slope β of the population regression line. Perform a significance test about the slope β of a population regression line. 	1, 4, 6, 8, 9, 11, 13, 17, 19	Section 12.1	17-Apr	28-Apr
Mock AP Exam - MC Section						Mon Apr 28, 7-9	
Mock AP Exam - Free Response Section						Tues Apr 29, 7-9	
12	2	12.2 Transforming with Powers and Roots	<ul style="list-style-type: none"> Use transformations involving powers and roots to achieve linearity for a relationship between two variables. Make predictions from a least-squares regression line involving transformed data. 	34, 35 <i>Review Chapters 4-6 and complete handout</i>	Section 12.2	29-Apr	30-Apr
12	3	12.2 Transforming with Logarithms	<ul style="list-style-type: none"> Use transformations involving logarithms to achieve linearity for a relationship between two variables. Make predictions from a least-squares regression line involving transformed data. Determine which of several transformations does a better job of producing a linear relationship. 	37, 39, 40, 41, 44 <i>Review Chapters 7-9 and complete handout</i>		1-May	2-May
12	4	Chapter 12 Multiple Choice Quiz (25% of questions will come from Chapters 3-9)		☺ Study ☺ Good Luck ☺		5-May	6-May
		Final Exam (Multiple Choice Section)	Study Period - Calc AB & BC morning exam			7-May	
		Final Exam (Multiple Choice Section)	Study Period				8-May
AP Exam (Friday, May 9th at Noon)						9-May	
		Final Exam (Free Response Section)				9-May	
		Final Exam (Free Response Section)	Study Period				12-May
		Gummy Bear Project (2 Test Grades)				5/13- Graduation	