

ASSIGNMENT SHEET

Class A.P. Statistics

Name _____

Quiz dates/Notebooks due: Thu April 18, Tues April 23

Unit # 12

Period _____

Unit Title: More About Regression

Date Assigned	Lesson Number	MAIN IDEAS (Topics & Learning Targets)	In-class points (preparedness, WU, Notes, active learning)	ASSIGNMENT (Practice problems)	Assignment points (complete, work shown)
Thu 4/11	Quiz 11.2	No notes; quiz day...	X	Mixed Inference (see handout)	Step 1 only for now...
Fri 4/12	12.1a	Inference for Linear Regression <ul style="list-style-type: none"> • Check conditions for performing inference about the slope β of the population (true) regression line. • Interpret computer output from a least-squares regression analysis. • Construct and interpret a confidence interval for the slope β of the population (true) regression line. • Perform a significance test about the slope β of a population (true) regression line. 		12.1a #1-6	
Mon 4/15	12.1b			12.1b #7-12, 31-32	
Tues 4/16	12.1c			12.1c #14, 16, 17, 20-30	
Wed 4/17	12.2a	Transforming to Achieve Linearity <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. 		Review: R12.1-4 (p. 793) T12.1, 3-8, 11 (p. 796) + write weekly summary	
Thu 4/18	Quiz 12.1	What am I good at this week? What do I still need to work on? Goal(s) for next week:	Weekly Summary	12.2a #34, 36, 49-52	X Points on next page

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Thu 4/18	Quiz 12.1	No notes; quiz day...	X	12.2a #34, 36, 49-52	
Fri 4/19	12.2b	Transforming to Achieve Linearity <ul style="list-style-type: none"> Use transformations involving logarithms to achieve linearity for a relationship between two variables. Determine which of several transformations does a better job of producing a linear relationship. 		12.2b #38, 40, 42-43, 45-48	
Sat 4/20	Practice Exam #1	Pizza & Practice Event!! ☺ <ul style="list-style-type: none"> Saturday morning 8 am – 12 pm Full length practice exam + go over solutions & scoring together afterwards Free cinnamon rolls & pizza!! 	Multiple choice	Practice Exam #1 (do it on your own if busy Saturday... one more on 4/27)	Free response
Mon 4/22	Review	What am I good at in this week? What do I still need to work on? Goal(s) for next unit (Final Review):		Review: R12.5-6 (p. 794) T12.2, 9-10, 12 (p. 796) + write weekly summary	
Tues 4/23	Quiz 12.2		Weekly Summary	Chapter 12 Wrap-up worksheet	X Points on new gold sheet...

Important upcoming dates...

Saturday, April 20th and/or 27th Practice AP/Final Exam (Cinnamon rolls and pizza provided!)

Friday, May 10th – Tuesday, May 14th Final Exam (3 days in class + up to 45 minutes during PAWS or lunch)

Thursday, May 16th AP Exam!! Don't worry, you'll be ready by then! ☺