

2014-2015 AP Statistics Assignments

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

**TIPS: Chapter 11 will be a very good review of graphing. Remember CUSS and BS.
Start Cumulative Review HW NOW!!!!**

Chapter	Day	Topics	Objectives: Students will be able to...	Homework	Reading	5/6O	1/2B
11	0	Introduction to the Chi-Square (χ^2) Test		#1, 3, 25	Section 11.1	2-Apr	3-Apr
11	1	11.1 The Chi-Square Goodness-of-Fit Test 11.1 M&M Activity <i>Technology: Chi-Square Goodness-of-Fit Tests on the Calculator</i>	<ul style="list-style-type: none"> Know how to compute expected counts, conditional distributions, & contributions to the chi-square (χ^2) statistic. Check the Random, Large sample size, and Independent conditions before performing a χ^2 test. Use a χ^2 goodness-of-fit test to determine whether sample data are consistent with a specified distribution of a categorical variable. Examine individual components of the χ^2 statistic as part of a follow-up analysis. 	5, 7, 9, 11, 15, 27(11.2a) Plus Complete 11.1 M&M Activity	Section 11.2 pgs 696-702	6-Apr	7-Apr
11	2	11.2 Chi-Square Test for Homogeneity <i>11.2a Activity - Chi-Square Test for Homogeneity</i>	<ul style="list-style-type: none"> Check the Random, Large sample size, and Independent conditions before performing a χ^2 test. Use a χ^2 test for homogeneity to determine whether the distribution of a categorical variable differs for several populations or treatments. Interpret computer output for a χ^2 test based on a two-way table. Examine individual components of the χ^2 statistic as part of a follow-up analysis. 	29, 31, 33, 35, 45(11.2b) & Complete Class Handout	Section 11.2 pgs 703-724	8-Apr	9-Apr
11	3	11.2 The Chi-Square Test of Association/Independence <i>11.2b Activity - Chi-Square Test of Independence</i>	<ul style="list-style-type: none"> Check the Random, Large sample size, and Independent conditions before performing a χ^2 test. Use a χ^2 test of association/independence to determine whether there is convincing evidence of an association between two categorical variables. Interpret computer output for a χ^2 test based on a two-way table. Examine individual components of the χ^2 statistic as part of a follow-up analysis. 	49, 51 and Complete Class Handout		10-Apr	13-Apr
11	4	Chapter 11 Review <i>Activity: MC Practice Test and Frappy's</i>	Frq's: 2008q5, 2003q5, 2011Bq4, 2009q1, 2010Bq5, 2004q5 PLUS 1998Q3	Complete/ Grade FRQ's		14-Apr	15-Apr

April Vacation (APR17-26)

over →

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11	5	Chapter 11 Quiz or Test	<u>Chapters 1-11 Cumulative Review (5 HW grades)</u> 1) Cumulative AP Practice Test #3 pg 667 (all) 2) Chapter 3 (reread) 3) Do CH3 problems #s 1, 10, ,17, 35,47, 54, 56, 58, 63	<u>DUE AFTER Vacation</u> 4) Cumulative AP Practice Test #4 pg 799 - #'s 41-44, 46 & MC optional	16-Apr	27-Apr
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Chapters 1-11 Cumulative Double Test (2x)			Review HW due	28-Apr	29-Apr
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