

# ASSIGNMENT SHEET

Class A.P. Statistics

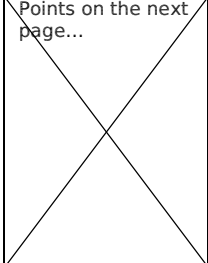
Name \_\_\_\_\_

Quiz/Notebook Due Dates: Fri 2/1, Thurs 2/7, Wed 2/13

Unit # 8

Period \_\_\_\_\_

Unit Title: Estimating With Confidence

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)
Tues 1/29	8.1a	<b>Confidence Intervals: The Basics</b> <ul style="list-style-type: none"> <li>• Interpret a confidence level.</li> <li>• Interpret a confidence interval in context.</li> <li>• Understand that a confidence interval gives a range of plausible values for the parameter.</li> <li>• Understand why each of the three inference conditions—Random, Normal, and Independent—is important.</li> <li>• Explain how practical issues like nonresponse, undercoverage, and response bias can affect the interpretation of a confidence interval.</li> </ul>		8.1a #1, 4-5, 7, 9-11, 13, 21, 23, 25	
Wed 1/30	8.1b			8.1b #15, 17-20, 22, 24, 26	
Thurs 1/31	8.2a	<b>Estimating a Population Proportion</b> <ul style="list-style-type: none"> <li>• Construct and interpret a confidence interval for a population proportion.</li> <li>• Determine critical values for calculating a confidence interval using a table or your calculator.</li> </ul>		Review R8.1-3, 10 (p. 522) T8.1, 6-7, 9-10 (p. 524) + write weekly summary	
Fri 2/1	Quiz 8.1	What am I good at this week?  What do I still need to work on?  Goal(s) for next week:	Weekly summary	8.2a #28-29, 31-32, 34, 49-50	Points on the next page... 

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)	
Fri 2/1	8.2a	<b>Estimating a Population Proportion</b> <ul style="list-style-type: none"> <li>Construct and interpret a confidence interval for a population proportion.</li> <li>Determine critical values for calculating a confidence interval using a table or your calculator.</li> <li>Determine the sample size required to obtain a level <math>C</math> confidence interval for a population proportion with a specified margin of error.</li> <li>Understand how the margin of error of a confidence interval changes with the sample size and the level of confidence <math>C</math>.</li> <li>Carry out the steps in constructing a confidence interval for a population proportion.</li> <li>Understand why each of the three inference conditions—Random, Normal, and Independent—is important.</li> </ul>	<del>Points on the previous page.</del>	8.2a #28-29, 31-32, 34, 49-50 Repeated from front page... don't do it twice!		
Mon 2/4	8.2b				8.2b #43, 46-47, 51, 53	
Tues 2/5	8.2c				8.2c #35, 37, 40-41, 54	
Wed 2/6	8.3a	<b>Estimating a Population Mean</b> <ul style="list-style-type: none"> <li>Construct and interpret a confidence interval for a population mean.</li> <li>Determine the sample size required to obtain a level <math>C</math> confidence interval for a population mean with a specified margin of error.</li> </ul>		Review R8.4, 6-7 (p. 523) T8.1, 4, 8, 11 (p. 524) + write weekly summary		
Thurs 2/7	Quiz	What am I good at this week?  What do I still need to work on?  Goal(s) for next week:	Weekly summary	8.3a #55-62, 75-76		
Fri 2/8	8.3b	<b>Estimating a Population Mean</b> <ul style="list-style-type: none"> <li>Construct and interpret a confidence interval for a population mean.</li> <li>Determine the sample size required to obtain a level <math>C</math> confidence interval for a population mean with a specified margin of error.</li> <li>Carry out the steps in constructing a confidence interval for a population mean.</li> <li>Understand why each of the three inference conditions—Random, Normal, and Independent—is important.</li> </ul>		8.3b #64-66, 68, 77, 79		
Mon 2/11	8.3c			8.3c #69, 72-74, 78, 80		
Tues 2/12	Review	What am I good at this week?  What do I still need to work on?		Review R8.5, 8-9 (p. 523) T8.2-3, 5, 12-13 (p. 524) + write weekly summary		
Wed 2/13	Quiz	Goal(s) for next week:	Weekly summary	WS: Chapter 8 Wrap-Up	<del>Points on the next gold sheet...</del>	