

ASSIGNMENT SHEET

Class A.P. Statistics

Name _____

Quiz dates/Notebook Due Dates: Thursday, Sept. 27, Oct 4 Unit # 2

Period _____

Unit Title: Modeling Distributions of Data

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 9/21	Quiz 1.2-3	No notes; quiz day	X	Worksheet: Ch. 1 WrapUp	
Mon 9/24	2.1a	Describing Location in a Distribution <ul style="list-style-type: none"> • Use percentiles to locate individual values within distributions of data. • Interpret a cumulative relative frequency graph. • Find the standardized value (z-score) of an observation. Interpret z-scores in context. • Describe the effect of adding, subtracting, multiplying by, or dividing by a constant on the shape, center, and spread of a distribution of data. • Approximately locate the median (equal-areas point) and the mean (balance point) on a density curve. 		2.1a #2, 4, 6, 8-9, 33, 39	
Tue 9/25	2.1b			2.1b #11, 13-14, 17-19, 21, 24, 35-38	
Wed 9/26	2.1c			Review #R2.1-5 (p. 136) T2.1, 3-4, 6, 9-11 (p. 138)	
Thu 9/27	Quiz 2.1	What am I good at this week? What do I still need to work on? Goal(s) for next week:	Weekly summary	2.1c #25-32, 34, 40	

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 9/27	Quiz 2.1	No notes; quiz day	X	2.1c #25-32, 34, 40	
Fri 9/28	2.2a	Normal Distributions <ul style="list-style-type: none"> • Use the 68–95–99.7 rule to estimate the percent of observations from a Normal distribution that fall in an interval involving points one, two, or three standard deviations on either side of the mean. • Use the standard Normal distribution to calculate the proportion of values in a specified interval. • Use the standard Normal distribution to determine a z-score from a percentile. • Use Table A to find the percentile of a value from any Normal distribution and the value that corresponds to a given percentile. • Make an appropriate graph to determine if a distribution is bell-shaped. • Use the 68-95-99.7 rule to assess Normality of a data set. • Interpret a Normal probability plot. 		2.2a #41, 43, 45-47, 49, 51, 69-72	
Mon 10/1	2.2b			2.2b #54, 56, 58, 60, 62, 73-74	
Tue 10/2	2.2c			2.2c #63, 65-68, 75-76	
Wed 10/3	Review	What am I good at in this chapter? What do I still need to work on? Goal(s) for next chapter:		Review #R2.6-12 (p. 137) T2.2, 5, 7, 12-13 (p. 138)	
Thu 10/4	Quiz 2.2		Weekly summary	Worksheet: Ch. 2 WrapUp	