ASSIGNMENT SHEET

Class___A.P. Statistics_____ Name_____

Notebook Due Date: _Thursday Oct. 11, 18__ Unit #__3__ Period_____

Unit Title: _____Describing Relationships_____

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 10/5	3.1a	**Scatterplots & Correlation** • Identify explanatory and response variables • Make a scatterplot. • Describe the overall pattern of a scatterplot. • Recognize outliers in a scatterplot. • Know the basic properties of correlation. • Calculate and interpret correlation in context. • Explain how the correlation *r* is influenced by extreme observations.		3.1a #1, 3, 6, 8-9, 12-13, 27-28, 31, 33	
Mon 10/8	3.1b			3.1b #14-19, 22-25, 29-30, 32, 34	
Tues 10/9	3.2a	**Least-Squares Regression** • Interpret the slope and *y* intercept of a least-squares regression line in context. • Use the least-squares regression line to predict *y* for a given *x*. • Explain the dangers of extrapolation.		3.2a #35, 37, 40, 42, 71-75	
Wed 10/10	Review			Review #R3.1-3 (p. 198) T3.1-2, 7 (p. 200) + write weekly summary	
Thurs 10/11	Quiz 3.1	What am I good at this week? What do I still need to work on? Goal(s) for next week:	Weekly summary	Worksheet	Points on the other side...

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Thurs 10/11	Quiz 3.1	No notes; quiz day		Worksheet (repeated from the other side; don't do it twice!)	
Fri 10/12	3.2b	**Least-Squares Regression, continued** • Calculate and interpret residuals in context. • Explain the concept of least squares. • Use technology to find a least-squares regression line. • Calculate the slope and intercept of the least-squares regression. • Construct and interpret residual plots. • Use the standard deviation of the residuals and r^2 to assess how well the line fits the data. • Interpret the standard deviation of the residuals and r^2 in context. • Identify the equation of a least-squares regression line from computer output. • Explain why association doesn't imply causation. • Recognize how the slope, *y* intercept, standard deviation of the residuals, and r^2 are influenced by extreme observations.		3.2b #43, 46-47, 52-53, 78-80	
Mon 10/15	3.2c			3.2c #49, 51, 55, 57, 59-61, 77	
Tues 10/16	3.2d			3.2d #63, 66-68, 70, 81	
Wed 10/17	Review	What am I good at in this chapter? What do I still need to work on? Goal(s) for next chapter:		Review #R3.4-7 (p. 199) T3.3-6, 8-13 (p. 201) + write weekly summary	
Thurs 10/18	Quiz 3.2		Weekly summary	Worksheet: Ch. 3 Wrap-up	Points on the next sheet...