

Homework 10  
MTH 1210, Fall 2019  
Due Wed., Dec. 4

For each problem that involves computations, you must **show your work** to receive full credit.

<b>Read This Section in the Book:</b>	<b>Then Do These Problems:</b>
14.1	14.23, 14.27
14.2	14.38, 14.39, 14.41, 14.59* (see below for the answer to part <i>a</i> ), 14.65
14.3	14.99** (skip part <i>a</i> , and see below for the answer to part <i>b</i> )
14.4	14.120, 14.121, 14.122, 14.132

\* For **Part *a*** of **Problem 14.59**, the equation of the regression line is

$\hat{Y} = 456.6 - 27.9X$ . Use this to answer **Part *a*** and the **other parts** of the problem.

\*\* For **Part *b*** of **Problem 14.99**, the *coefficient of determination* is  $r^2 = 0.937$ . Use this to answer parts *c* and *d*.