

Homework 6
MTH 1210, Fall 2019
Due Wed., Oct. 9

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

Read This Section in the Book:	Then Do These Problems:
5.2	5.32 (part <i>a</i> only), 5.37 (part <i>a</i> only), 5.39
6.1	6.37
6.2	6.59, 6.61, 6.63, 6.67, 6.71, 6.81, 6.83
6.3	6.97*, 6.98 (parts <i>a</i> and <i>b</i> only), 6.100**

* For Part *c* of Problem 6.97, the *quartiles* are the **25th** and **75th percentiles** of the distribution.

** For Part *d* of Problem 6.100, the 6th *decile* of the distribution is the **60th percentile**.

Extra Credit Problems

These problems are worth extra credit. You must **show your work** to receive credit. They can be handed in **any time** before the end of the semester. Do not attach them to your homework – turn them in separately.

Section in Book	Extra Credit Problems
5.2	5.32 (part <i>b</i>) 1.5 extra credit points
	5.37 (part <i>b</i>) 1.5 extra credit points
5.3	5.58 1 extra credit point
	5.59 1 extra credit point
	5.77 (parts <i>a</i> and <i>b</i> only) 2 extra credit points
	5.78 (parts <i>a</i> and <i>b</i> only) 2 extra credit points