STAT 150 HOMEWORK #5

FALL 2022

Due Friday, Oct 7th, at 11:59 PM on Gradescope.

Note that there are *Exercises* and *Problems* in the textbook. Make sure you read the homework carefully to find the assigned question.

1. Pinsky and Karlin, Problem 5.1.6

2. Pinsky and Karlin, Problem 5.1.7

3. Pinsky and Karlin, Problem 5.1.10 (Hint: look at Figure 5.1 and remember your calculus. In part (a), you can assume that the facility dispatches at the specified fixed times even if no one arrives.)

4. Pinsky and Karlin, Problem 5.1.11

5. Pinsky and Karlin, Problem 5.2.11

6. Pinsky and Karlin, Problem 5.2.10 (this is not a typo, I mean for you to do Problem 5.2.11 first)