

STAT 150 HOMEWORK #8

SPRING 2022

Due Friday, April 8th, 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, EXERCISE 7.5.1
2. Pinsky and Karlin, Problem 7.5.2
3. Pinsky and Karlin, Problem 7.5.4
4. Durrett, Exercise 3.5
5. Durrett, Exercise 3.9
6. Durrett, Exercise 3.12
7. Durrett, Exercise 3.18 (a) (no need to do part (b) since the roots of the derivative cannot be easily found)
8. Durrett, Exercise 3.24.