

**HOMEWORK 6**  
**PROB. AND STAT. FOR ENG. (STAT:2020; BOGNAR)**

**NAME:** \_\_\_\_\_

*Print this pdf file, write your answers in the provided space, scan pages (in order) into a single pdf file, upload file to Gradescope. You may also use an iPad.*

1. Textbook 5.30

2. Textbook 5.32

(a)

(b)

3. Textbook 5.38

4. Textbook 5.49

5. Textbook 5.50

(a)

(b)

6. Textbook 5.56 — Assume Poisson assumptions hold

(a)

(b)

(c)

7. Textbook 5.58 — Assume Poisson assumptions hold

(a)

(b)

8. Textbook 5.63

9. Textbook 5.92