

Math/Stat 352: Final Exam

Some things to study are:

1. Section 2.4: Exercises 13, 14
2. Section 5.3: Exercises 10, 11
3. Section 6.1: Exercises 5, 6, 7
4. Section 6.12: Exercises 3 and 4.
5. Be able to state definition of Type I and II errors page 447.
6. Section 6.13: Example 6.28.
7. Let $f(x) = k$ on the interval $[a, b]$ and zero outside this interval.
 - Find a value for k so that f is a pdf.
 - If the random variable X has pdf f , find μ_X .
 - If the random variable X has pdf f , find σ_X .