

Test #2

Note Title

10/31/2005

- 4:30PM - 6PM
- April Kerby
- Ch 5, 6, 8
- Virtual Office hrs \rightarrow Tues. 2-8PM
- Questions on Exam
 - 1) 23pts, 3 parts \rightarrow work w/ a PDF
 - 2) 31pts, 5 parts \rightarrow "
 - 3) 10pts, 2 parts \rightarrow "
 - 4) 36pts - short answer
- 5

#44) When is the central limit thm useful?
make sure to be general, and not
example specific?

#5) E.C. \rightarrow 3 pts

- Partial credit

- Calculator

- 6 pages
separate handout for formula sheet

What to study?

① in Class notes

② HW problems → 1. from HW

③ Projects

④ Read book → Examples → 1. from here

Ch. 5

= Discrete r.v.'s

- Uniform, binomial, Poisson
- When to use a PDF?
- Find prob. + interpret

Ch. 6 → Continuous r.v.'s

Uniform, Normal, Gamma, Exp.

How could you determine if PDF will work for a random var.?

Ch. 8

- Sample mean + Variance
- box plots, dot-plots, histogram
- \boxed{CLT}
- t -dist.
- Chi-square PDF
- Excel Functions
- No Maple