

MATH 150 HW: CHAPTER 8 + FINAL INFO

(10 POINTS EXTRA CREDIT)

- **Due at the FINAL.**
- **Separate this from the Ch.7 HW.** I will have separate piles at the Final.
- **Pickup.** If you want to get this HW back (and the Ch.7 HW), make sure to pick it up by the end of next semester. I will try to post some hours during the break on my website. You may want to photocopy your HW if you do not plan on being around.

KEEP DESIGNING YOUR SHEET OF NOTES FOR THE FINAL!

- **Sheet of notes.** Your 8 1/2" by 11" (or smaller) sheet will be allowed on Part 2 (but **not** Part 1) of the Final. You may use **both sides** of the sheet. Students with vision impairments and the like should speak with me. The sheet must be two-dimensional - no "pull-outs" or other tricks! Typing and photocopying are fine, though writing by hand is recommended. You should stress organization over clutter. You'll want to keep this for later! An outline of topics is available on my web site; this was also a "Day 1" handout.
- On Part 1, you will have to remember:
 - § Derivatives
 - § Basic differentiation rules such as the Chain Rule
 - § Integrals (u -subs are fair)
 - § Graphs, domains, and ranges of the three basic inverse trigonometric functions; basic limit notation may be involved
 - § Trigonometric and hyperbolic identities and formulas
 - § Definitions of $\sinh x$ and $\cosh x$
- See the old Final (especially Part 1) on my website.