

- new Exam 3 median: 112/125
- Quiz 10 median: 13/17
- MLP assignments are ALL reopened. They close the night before the final (Wednesday night).
- FINAL! is next Thursday, in class. Covers §3.10-5.5.
- Quiz 12 Tuesday (tomorrow) covers §5.4-5.5

Exercise

Evaluate $\int_0^2 \frac{2x}{(x^2 + 1)^2} dx$.

5.5 Book Problems

9-39 (odds), 53-63 (odds)

Advice for the FINAL

- Review your notes and the slides first, particularly problems we did in class, then review Quizzes, before visiting outside resources.
- Review the Midterm for an idea of the type questions the coordinator likes to ask and how they are graded.
- $+Cs$, dxs , \lim , units, etc. should be included in your answers *or else*. Don't try to round answers unless it is for a story problem, in which case, you should say "approximately".

Advice for the FINAL (cont.)

- Practice limits and l'Hôpital's Rule so you know which is the quickest technique.
- "Mean Value Theorem for Derivatives" = MVT from §4.6.
- $\arctan = \tan^{-1}$, etc.
- Know the difference between 1st and 2nd Derivative Tests. Also, only plug numbers into the number line for the 1st Derivative Test.