

Math 242–HW 7 Rubric

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There are 21 total points on this assignment.

1. 1 point for completion
2. 5 points. 1 point for knowing to compute an integral, 1 points for correctly taking an antiderivative, 1 point for correctly evaluating at the endpoints, 2 points for knowing that this makes $f(x)$ not a pdf.
3. 2 points for completion
4. 8 points. 1 point for a piecewise function, 2 points for each piece of the piecewise function. 1 point for interpreting probability correctly, 1 point for the computation, and 1 point for the answer.
5. 4 possible points. 2 points for finding $k = .8$, then an additional 2 for correctly computing probability.
6. 5 points. 1 point for setting up a correct integral, 1 point for doing the integral, 1 point for the evaluation, 2 points for a correct limit computation.