

MA113 Homework #1
Due Monday, August 27, 2001

Problems to do, but not turn in:

See the problems listed in the Calendar, August 22. *WARNING!!!* I am assuming throughout the semester that you have worked and reworked all of the problems in the Calendar so that you have indeed mastered them and can solve any of them on an exam. It is your responsibility to work all of these problems (not just the ones I am collecting to grade), and to turn to me or to your Teaching Assistant for help if and when you have questions or difficulties with these problems. *DO NOT WAIT UNTIL THE WEEK BEFORE THE EXAM!!!*

Problems to turn in:

1. Exercises 1, p. 16, #80.
2. Exercises 2, pp. 25–26, #4, 16, 22, 26, 28
3. Write a brief explanation (two or three sentences) of why it makes sense that if the graph of $f(x)$ is symmetric about the origin, then $f(-x) = -f(x)$.
4. Write a brief explanation (two or three sentences) of why it makes sense that the graph of $f(x + 3)$ is the same as the graph of $f(x)$, but shifted 3 units to the left.
5. Follow the WQS instructions to register for the online homework for my course, and complete the first assignment there: “0002 Review Section 2”.