

**MATH 251 SPRING 2025**  
**WEEK 5 SUGGESTED PROBLEMS**  
**“DUE” MAY 12**  
INSTRUCTOR: ROBERT LIPSHITZ

Recall: this homework will not be graded, but Quiz 5 will be drawn from these problems (with numbers changed).

**Quiz-Like Problems:**

- Section 4.3: 98, 100–103 (note: I would never say “assume the graph represents the entirety”...), 104, 105, 108, 114, 116, 119, 121, 129, 130.
- Section 4.4: 190, 191.
- Section 4.5: 202, 206, 214, 215, 224, 225, 228, 237, 241.
- Section 4.7: 316, 320, 324 (this is called a “least-squares fit”, though the book’s scenario for using it is nuts), 325 (even more nuts).

If you got help with one of these problems, solve a similar one on your own!

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