

MATH 251 HOMEWORK 2
DUE OCTOBER 9, 2017.

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Recall that homework is due at the **beginning of class** on the due date.

- (1) §2.5: 4, 6, 8, 20, 22, 32, 55. (For 20, 22, 32, be sure to justify your answer. “It looked like that when I graphed it” is not enough justification.)
- (2) Appendix D: 1, 2, 3, 4, 11, 12.
- (3) §2.6: 8, 18, 30, 34, 48.

If you have trouble with a problem, or get help with one, solve a couple of similar ones. (For most of the problems, adjacent-numbered problems are similar.) In fact, you might like to solve a similar, odd-numbered problem *before* solving the assigned one, so you can check your answer to it.

Optional further, challenging-but-interesting problems.

- (1) Appendix D: 8, 9, 10, 13, 14, 15, 16.
- (2) 2.6: 53, 54.

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