

Kerry Ojakian's MTH 30 Class

Due Date: Monday November 20

HW #3

General Instructions:

- Homework must be stapled, be relatively neat, and have your name on it.
- Homework exercises must be done in order (if you skip an exercise, still write down the number and leave some blank space).
- **Do NOT use a calculator!** None of these problems require a calculator, and you will not be allowed to use one on any of the exams.

The Assignment

- Section 3.1 - 11, 12, 18, 22
- Section 3.2 - 54, 61
- Section 3.3 - 17, 18, 19, 20
- Section 3.4 - 32, 33, 42, 46
- Section 3.5 - 4, 18 (not using synthetic division; but long division like in class)
- Section 3.6 - 16
- Section 3.7 - 8, 10 (also, describe the local and end behavior of the function in question 10)
- Section 4.1 - 44
- Section 4.2 - 12, 28, 30
- Section 4.3 - 8, 18, 39, 40, 42, 43
- Section 4.4 - 6, 10, 16
- Section 4.5 - 4, 7, 9, 11, 14, 18, 22